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Volume LIII., No. 45.

### COLMAN'S RURAL WORLD

NORMAN J. COLMAN, EDITORS.

Published weekly at 721 Olive St., Room 1213, 1214, 1215 and 1216 Chemical Building, corner Olive and Eighth Sts., St. Louis, Mo., at one dollar a year. Eastern Office, Chalmer D. Colman, 530 Temple Court,

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MAKE THE FOUNDATION RIGHT.

In discussing the corn fodder question in an article that appears on this page, the writer of the article mentions some of the stones which farmers must use in the foundation of their business if a stable structure is to be erected. The chief corner stone is named "General Intelligence." We interpret Dr. Morris as meaning that farmers, if they are to maintain their proper relative position, socially, financially and morrally, must strive for a higher degree of general intelligence as farmers; or in other words, a broader knowledge of the sciences underlying agriculture and of the practice that makes for perfection.

In urging that farmers should become more intelligent, it is not to be understood that farmers are less intelligent than are other classes respecting matters outside of their respective lines of business; but it has to be admitted that the mass of our farmers have not kept pace with those engaged in other callings in acquiring knowledge of and skill in their respective lines of work. This is due, in great measure, to the tremendous fund of information that has been developed in the last few years by our agricultural experiment stations and other investigators in agriculture, and the difficulty in getting this disseminated among the vast number of farmers scattered throughout the length and breadth of the land. The fund of agricultural information has been increased faster than has our ability as a class to absorb.

A problem, then, for the consideration of those who wish to see agriculture "put in the discount in the product of the practice in and the product of the practice in a fundamental products of the products of the farmers of a district worth and the practice in the land. The fund of agricultural information has been increased faster than has our ability as a class to absorb.

A problem, then, for the consideration of those who wish to see agriculture "put in the products of the produc

ar ability as a class to absorb. A problem, then, for the consideration e who wish to see agriculture "put a higher plane" is, How shall farmers on a higner plane" is, How shall farmers be put in possession of that chief corner stone, "General Intelligence," and it so hewn and fashloned that the other stones named by Dr. Morris will harmonize with it and all make a symmetrical and en-

during structure?

A great difficulty has been that the foundation stones, and even the chief corner stone, that have been given to farmers on which to build their life work, are not suitably hewn; they have been cut by those who have had before their mental vision careers other than that of farming. Our teachers in the rural schools, who are engaged in preparing mental foundation stones for children whose life work in the majority of cases will be on the farm, and in the farm home, must try to make the foundation suitable to the superstructure.

NEW SUBSCRIBERS.

Every subscriber will confer a gree favor by helping to add new subscribers to our list. By sending a NEW name with dollar, and he can add other NEW names at fifty cents each as TRIAL subscribers, Mo., at one dollar a year. Eastern Office, Chalmer D. Colman, 130 Temple Court, New York City.

Letters should be addressed to COLMAN'S RURAL WORLD, 721 Olive St., St. Louis, Mo. Advertising rates furnished on application. Advertisers will find the RURAL WORLD one of the best advertising mediums of its class in the United States.

Editor RURAL WORLD: I am just home from a trip into the Cumberland Mountains, over the Cincinnati Southern railroad, a road over 300 miles long built and equipped by the city of Cincinnati. My younger brother moved down into the land of "sassafras, sedge grass and saw briers," 13 years ago. He bought an old farm of 100 acres and went to work on it. Pretty hard sledding at first, but the past season his wheat and corn crop represents a sale value of 50 per cent of represents a sale value of 50 per cent of the cost of his farm. This over and above the wheat necessary for his bread and seed, and the corn for his farm stock. seed, and the corn for his farm stock. His first crops of corn were not above 16 bushels per acre, and his first three wheat crops did not average five bushels. The present wheat crop made 19 bushels and the corn will go at least 40 bushels and the corn will go at least 40 bushels per acre. Good enough on \$5 per acre land. What did it? Well, "patience, pluck and perseverance," and—clover seed. Like many other newcomers in the Middle South, he at first listened to the advice of the old residents when they said, Clover will not stick here." But as soon as he sowed it and treated it on scientific principles, i. e., clipped the stubble the first fail and mowed the crop for hay the following spring, he proved that it would "stick," and his land began to produce better crops.

ject of "'changes" and "chamber of commerce," but it does seem to me that if we could get our crops of corn, wheat and cast directly into the hands of the miller or consumer without the interposition of these gambling hells we would fare bet-

cent of small corn is due to the variety frequently growing. A loss of the distance of the control of the contr

WEEK BY WEEK.

we could get our crops of corn, wheat and oats directly into the hands of the miller of consumer without the interposition of these gambling hells we would fare better.

UNPROFITABLE BOARDERS.—The editor gives excellent advice under this head in the Oct. 17 issue. While there is a laudable sentiment in keeping the old horse until age puts an end to his life, it is always much better to end his career with a well-aimed charge of lead before winter sets in. I have shot more than 40 old and diseased horses. I formerly used a rifle, but of late years take the shotgun and standing about eight feet from the horse's head, plant a load of the shot is the

THE CORN FODDER QUESTION. A Common Sense and a Dollars and Cents View.

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Editor RURAL WORLD: Business has

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propped up; so when one wishes to pass through it must be moved. See the time through it must be moved. See the time consumed, and then it looks so badly. These are only a few things that wear the nerves, make us cross and unpleasant at home—cross, crabbed and unwelcome severwhere because of our continual grumble of hard times and bad luck of which every one gets tired hearing about.

I regret very much that Judge Miller has met with such a painful accident, but to look the secondary of the secondary of

hope he will send a picture of himself and home to the RURAL WORLD soon, for all must wish to see the man and his ome of whom we have read so much.

BILLY BRIARWOOD. Johnson Co., Mo.

NOTES FROM CALIFORNIA. Sorghum, Bacon and Melons.

WORLD. The hogs that I saw in South WORLD. The hogs that I saw in South Missouri were principally well rounded, comely looking hogs, especially at killing time. Their noses were not driven up into the neck, giving them a head like that of a pug dog, but the noses were reasonably long, and I do say that the bacon they yielded could not be excelled. The bacon in that region was dry cured so far as I know. I have seen it piled up on something like a carpenter's work bench, first a layer of sait, then a layer of bacon, and so on to the height of about three nrst a layer of sait, then a layer of bacon, and so on to the height of about three feet. The sait draws out the watery blood, and when that is done the sait is brushed off and the meat goes to the smoke-house. I do not know how generally dry curing is practiced, but I have seen it done at our place in St. Louis County.

counter in one of the largest general stores in this county a piece of bacon cut in the middle that was three and a half inches in thickness. It was all clear white fat except a faint streak of red about half an inch from the inner side: it could scarcely be called a streak of lean. It laid there, I think, five or six weeks. I don't know what became of it, weeks. I don't know what became of it, as I asked no questions about it. Such bacon would be suitable to send to Greenland. The natives there live largely on walrus blubber. It is said that they like to eat tallow candles, and also that they sometimes ent whale oil. Such highly carbonized, heat-producing food is proper in frozen regions, but it is out of place in temperate climates.

MELONS.—In the last article that I have seen from the "Week by Week" contributor he spoke of the deliciousness of some watermelons that he had eaten.

of some watermelons that he had eaten. To my mind a good green fleshed melon is far superior in taste and in nutrition to any watermelon. To the Southern darkie there is nothing equal to "watermillion" as to they call them. When I lived in St. Louis County I used to plant two kinds of green fleshed melons. First the Jenny Lind, because it was early. For the small crop the Green Citron melon was planted, when they were beginning to ripen I would go to the patch and when I saw the stem beginning to crack off around the outer edge, I would pick them and carry them into the cellar, where they would keep cool and deliclous during the day. They were so sweet and juicy that I had no use for watermelons. A little cracking around the stem was a sure sign of ripe-ness. A yellow fleshed musk melon I

The "Week by Week" comm are very interesting. If the writer of them can preach as well as he writes he is certainly a good preacher. I can guess what church he belongs to, and if I do what church he belongs to, and it I do not belong to the same, I do belong to the church that John Wesley lived and died in. A good preacher, it seems to me, should not only be a lover of human nature, but a lover of inanimate nature. The same Being is the author of both.

"Lord God of hosts, be with us yet, Lest we forget, lest we forget."

San Mateo, Cal. DR. L. D. MORSE.

WANTS THE BOYS WELL FED.

# The Dairy.

OFFICE MISSOURI DAIRY ASSOCIA FON, 1213 Chemical Building, St. Louis, Mc. Norman J. Colman, President; Levi Chubbuck, Secretary.

DAIRY MEETINGS

Iowa State Dairy Association at Storm

Lake, Tuesday, Wednesday and Thursday, Nov. 13, 14, 15, 1900.

Minnesota Butter and Cheesemakers'
Association at Fairmont, Minn., Nov. 25-28, 1900. No special premiums, only cash contributions to the pro rata fund.

Misaouri Duiry, Association, Kansas

Missouri Dairy Association, Kansa City, Mo., Dec. 20-22, 1900.

THE FEEDING PROBLEM," by Prof. T. L. Haecker, from which we have taken extracts, is printed in pamphlet form by the Creamery Package Mfg. Company, and copies may be had by addressing the company at 915 North Sixth street, St. Louis. The article is a valuable one, and has been copyrighted, but will be sent free to any of our readers. A careful study of it will put a dairyman on the right

A CHEESE FACTORY REPORT .-- On A CHEESE FACTORY REPORT.—On this page there is a report from one of the Caldwell County, Mo., cheese factories. The report is quite favorable and encouraging, so far as it goes, but we would like to have Mr. Umstott supplement the report with statements from patrons showing number of cows milked, returns per cow, size of farms and other facts which will indicate whether the cheese—making business is or is not profite-making business is or is not profit able. We will be glad to hear direct from patrons or from managers or racor from managers of factories

THE MISSOURI DAIRY MEETING.

At Kansas City, Mo., December 20-22, 1900 In a letter from Mr. J. E. Brady of Kan In a letter from Mr. J. E. Brady of Ran-sas City regarding railroad rates on ac-dount of the coming Missouri Dairy meet-ing, Mr. Brady says: "We are now figur-ing on an attendance of 1,000 to 1,500, and we expect to get an open rate." In an-other column we republish some matter

from the "Kansas City Packer," which that the friends are actively at

shows that the friends are actively at work to make the coming meeting successful. We hope dairymen all over the state will plan to attend.

\*\*BUGGESTIONS..."Uncle" John Patterson suggests the following subjects for a place on the program: "What Ought the Dairymen of Missouri do to help and encourage the State Experiment Station in courage the State Experiment Station i its work of aiding to develop the dairy in "What is the most economica food to raise or buy to mix with corn for a milch cow ration?" "How can farmers who are remote from creamery or large was make dairying pay?"
What have others to suggest?

### IDLEWOOD OBSERVATIONS

Editor RURAL WORLD: Being much atterested in getting better profits from a cow, I would like to add my experience, though it is only of short duration. In 1999 a condensing factory was built in our bunty seat, after a guarantee was sethat so much milk would be fur-For several years a creamery has been in operation. A good quantity of milk was received by this creamery, it paying at the least flow, or in winter months, 85c per 100 pounds, and in sum-mer as low as 65c; and at those prices a odly number considered it a moderately paying thing. Since the new factory ha tarted milk has never been so low, and started milk has never been so low, and the present price is \$1.25 per 100 pounds. I have well bred Durhams with registered male, and have made a business of rais-ing my calves for breeders, and selling at \$30 and \$25 at five months old, milking the strippers and making butter and selling it at 20c a pound.

This year I kept a careful watch of my nearest neighbors who sold milk, I again

nearest neighbors who sold milk, I again raising my calves. I found my neighbors sold their calves at two weeks old for an

GROUP OF HOLSTEIN CATTLE, WITH IOWA AGRICULTURAL COLLEGE Content of the college o

### "A Good Name At Home

Is a Tower of Strength Abroad." This truth has been perfectly verified by the history of Hood's Sarsaparilla, which effected its first cures in Lowell, Mass., where it is made and where it still has a larger sale than all other blood purifiers. Its fame and cures and sales have spread abroad all over the world, and it is universally recognized as the best



Hond's Pills cure liver ills; the non-irritating and only cathartic to take with Hood's Sarsaparilla.

QUARTERLY STATEMENT CRESCENT

Editor RURAL WORLD: With this end you a report of our cheese business or the past three months. We think it is a very good showing for a small factory like ours. I am trying to awaken an interest in our next annual dairy meeti at Kansas City, and have obtained se at Kansas City, and have obtained several promises to attend. I think the great dairy interests around Cameron will be a much better represented this year than last, judging from present indications.

JULY: Amount of milk received, 76,118 pounds; cheese made and sold from same, 6,713 pounds; cheese was sold for \$570,90; money paid to patrons, \$483.20; reserved for expenses, \$87.70; price paid per 100 pounds for milk, 62 cents.

AUGUST: Amount of milk received, 90,578 pounds; cheese made and sold from same, 8,699 pounds; cheese was sold for \$734.19 net; money paid to patrons, \$642.99; reserved for expenses, \$81.20; price paid per 100 pounds for milk, 71 cents.

SEPTEMBER: Amount of milk re-

per 100 pounds for milk, 71 cents.

SEPTEMBER: Amount of milk received, 788.77 pounds; cheese made and sold from same, 7,27 pounds; cheese was sold for \$784.16 net; money paid to patrons, \$662.25; reserved for expenses, \$71.91; price paid per 100 pounds for milk, 84 cents; number of patrons for August, 25; averege amount in milk checks, \$77.95.

The business has been very satisfactory to the patrons the past summer, and the outlook for the winter is very good. Wherever a factory can receive the necessary patronage, there is nothing better for a community to engage in and its good results (EG, A. UMSTOTT, Sec'y. Mirabile, Caldwell Co., Mo.

DEPARTMENT OF DAIRYING

In the Iowa Agricultural College. The magnitude and rapidly changing con-

The magnitude and rapidly changing conditions of the dairy industry render higher degree of skill and intelligence in this field imperative. No branch of industrial education has proven more popular or productive of better results than the instruction furnished in the economical production of a superior class of dairy products. From the fertile farming lands of the Central West annually come one hundred or more young men to be trained in special work at our dairy school. That these young men become leaders wherever they take up work, is shown by the responsible positions they are holding at high salaries in dairy communities every. high salaries in dairy communities every high salaries in dairy communities everywhere, and the many prises won in state
and national conventions. Even the city
milk supply business is calling for scientifically trained men who thoroughly understand the essential regulations for
proper sanitation and cleanliness, pasteurisation and sterilisation.

In order to meet the demands of such
instruction, the Dairy School provides a



IN THE CREAMERY TEST ROOM,
Iowa Agricultural College

BOOMING THE DAIRY INDUSTRY.

THE KANSAS CITY butter dealers begun active operations to make the buri State Dairy convention a suc-Local dealers will raise sufficient cess. Local dealers will raise sufficient money to defray all expenses of the association in convention, such as prizes to exhibitors, printing, hall rent and incidental outlays of money. It is expected that 700 to 800 people will attend. The supply men and representatives of the large markets will attend this convention more generally than previously. Some handsome prizes are expected to be offered by those outsiders.

The courses in dilrying were established for the benefit of those who are already engaged in the business, either on the farm or in the creamery or factory, and for this reason a very large portion of the time is devoted to practical work in the

bly men and representatives of the large markets will attend this convention more generally than previously. Some handsome prizes are expected to be offered by these outsiders.

THE BRADY-MERIDEN CREAMERY CO. will take advantage of this opportu-



GROUP OF HOLSTEIN CATTLE, WITH IOWA AGRICULTURAL COLLEGE CREAMER IN BACKGROUND.

in Missouri. In a recent letter Secretary Rippey of the State Board of Agriculture spoke very favorably on the proposition. He suggested that the office be made inde-pendent of the board of agriculture but

thrive or give milk on timothy hay.

I watch closely for others' experience on the amount of feed they give and kind that is best, but find none. I am also informed the Jersey's milk is not desirable at the condensory, that blue milky water of her sister—the Holstein—being preferred.

Bo a perplexing problem confronts me, Shall I raise my calves or shall I milk? If so, should I change my stock? Are the Holsteins producers of a greater flow and a longer one than my Durhams? I am anxious for advice; who will help me?

Bond Co., Ill.

D.

Week day in the year. During the summer season from fifteen to twenty-five thousand pounds of milk are taken in daily and manufactured into butter and cheese; during the winter somewhat less; the winter somewhat less; the vicinity of the college, and they are pald for it according to its merits based not only on butter fat determined by the Babcock test, but upon inspection of its cleanliness, freedom from all taints, objectionable cdors, and other general qualities. A bacteriological laboratory affords facilities for instruction and investigation in this important feature of the subject.

The student fact of the year.

The milk is purchased from farmers living in the year.

The milk is purchased from farmers living in the vicinity of the college, and they are pald for it according to its merits based not only on butter fat determined by the Babcock test, but upon inspection of its cleanliness, freedom from all taints, objectionable cdors, and other general qualities. A bacteriological laboratory affords facilities for instruction and investigation in this important feature of the subject.

The student becomes a militar with everything connected with the management of a commercial creamery, and meets every a connected with the management of a commercial creamery, and meets every thing the vicinity of the college.

We have equently referred to the dairy industryf Denmark as an example of what intellent, statesmanlike effort on the part ofhe government can accom-plish for accopic by fostering this in-dustry, for must not be forgotten that the advanceposition of the dairy indus-

thousand pounds of milk are taken in dialy and manufactured into butter and cheese; during the winter somewhat less. It may be the board of Agriculture but and cheese during the winter somewhat less. The milk is purchased from farmers living in the vicinity of the college, and they are paid for it according to its merits based not only on butter fat determined by the Habock test, but upon inspection of its cleaninese, freedom from all taints, obligations, freedom freedom freedom freedom freedom freedom freedom freedom fr

time is devoted to practical work in the Students in these courses are taught everything connected with practical work, from weighing the milk brought in by the different patrons and testing the same, to running the engine, acrubbing the floors and between form the principle in the manner taught. The studies there the last convention of the 150 meeting, but it has been accustom to practically select an entire manner taught. The studies there the last convention of the 150 meeting, but it has been accustom to practically select an entire place two years in advance, to sit, the courses outlined are such as are necessary to a correct understanding of the principles involved, and all students entering these courses are required to attend them regularly.—Lowa Agi. Col. Catalog.

The NATIONAL CONVENTION IN 1502—Kansas City dealers have resumed the resuments of last year to secure the 1502 convention. It has been four and five in the morning, at the evening. The milk is put into can hold-not only how to do all the work incident to a business of this kind, bat aiso a strong bid for the 1501 meeting, but it has become a custom to practically select a meeting place two years in advance, to so, the proper which appear in the courses outlined are such as are necessary to a correct understanding of the principles involved, and all students entering these courses are required to attend them regularly.—Lowa Agi. Col. Catalog.

The NATIONAL CONVENTION IN 1502—Kansas City and the purincipal to the resument of the National Creamers But ween four and five in the morning, at the evening. The milk is put into can added to secure the loof of about thirty quarts each, and at once coiled in water. It is taken to the buttermaking establishment early in the morning and weighed, and a sample taken to ascertain the amount of butter fat licent making establishment early in the morning and weighed, and a sample taken to ascertain the amount of butter fat lone for the last convention. The milk is put into can hold-ing and weighed, and a samp

HOG, HORSE, CATTLE, DOC, Sheep, fire and water and snow drift proof AMERICAN FIELD AND HOG FENCE

ry is devoted to rye, barley, oats, gra

try is devoted to rye, barley, oats, grass, mangold bests and cabbages, and all these are fed to the cattle and pigs. I may add that the air is devoted to sky-larks that shower down their song in a reckless prodigality, surpassing even our bob-o'-links at home. The cattle, horses and sheep are all tethered. Cows are tethered in other countries, but nowhere else have I seen one hundred stretched across a pasture with military precision, indicating a method that involves most careful attention. od that involves most careful attention These are milked three times each daypromise of the 1902 convention. Strong efforts will by made to secure unanimous endorsement of this program. Good support has beer promised. In case Kanase City gets the national convention the Missouri and Kanasa associations will very likely meet here the same week, making a big gathering—Kanasa City Packer.

DAIRY WISDOM.

The cow's tider is a delicate giand and should reelv good care, says an exchange. It i divided into two glands, which secret the milk from the blood, passing through thousands of small cells in the upper art of the udder and finally depositing jut above the teats. The udder is ramife with thousands of nerves, we have the specked in half-barrels. Now comes a matter that I think must be imbutter is packed in half-barrels. Now comes a matter that I think must be important. Until it reaches its final destination, it is kept at the same temperature as nearly as is possible. When shipped by rail, it is in refrigerator cars, painted white, which are iced in summer and warmed in winter. When taken to England by steamer, the temperature is carefully guarded. The cows are fed with intelligent care, so as to have a perfect ration. Grass, soiling crops, grain and water are given in fixed quantities, and scrupulous cleanlifeed.

fixed quantities, and scrupulous cleanli Native red Danish cattle are found pref-

erable to all others. The type is between the Shorthorn and the Ayrshire. There is but little external resemblance to the Channel Island breeds. When an infusion

Channel Island breeds. When an infusion of new blood is sought, buils from milking strains of Shorthorns are used.

The cows are blanketed when it rains, and are covered with thin sheets in the sunshine. The tether chains are about ten feet in length, and they are moved seven times each day, so that the grass may be evenly eaten and none trampled upon and wasted.

Now, it may be said there is nothing remarkable in all this. I have often wondered whether the superiority of Danish butter were owing to the breed of cattle, the feed, the climate or the methods of manufacture and handling. I am of the opinion that it does not result from any one or two of these, but from a combination of all them, guided all the way by tion of all them, guided all the way by

rare intelligence.

The farmers take from the creamery in skimmed milk, % per cent of the milk they bring. This with grain and green forage crops is fed to pigs. This part of the business has become very important. For green food, oats, barley, vetches and clover are used. Green buckwheat is run through a cutter and fed in small quantities. This is surprising. The pigs found most profitable are those from native white sows and Yorkshire boars. When they will dress about 125 pounds they are taken to the co-bperative butchery and slaughtered, and the meat cured and shipped to England.

the advanceposition of the dairy industry in Denrik is due largely to the offort of governent officials.

The letter ven below, addressed to the recomment officials.

The letter ven below, addressed to the recomment of the property of the property of the property of the property of the property. The best canything is interesting, and it affords publities for instruction. The poorest shot give instruction also—of "how not to it." In the markets of the world Danisutter is classed as the best, such as the property of the property of the pig is used to the very best part of the pig is used to the very best property of the pig is used to the very best property of the pig is used to the very best property of the pig is used to the very best property of the pig is used to the very best property of the pig is used to the very best property of the pig is used to the very best part of the pig is small at the math the math curred and shipping and shipped to England, where it is smoked. This butchery and shipped to the math curred and the mat





Imported and Home-Bred

# Jerseys at Auction

R. E. Edmonson, auctioneer and manager, 210 Shiedley Building,  $K_{\rm an}$  sas City,  $M_{\rm O}$ , is arranging for the most remarkable sale of Jersey cattle ever held west of the Ailegheny mountains. The sale will take place at

St. Joseph, Mo., Monday, November 12th.

And will embrace only consignments of HIGH CLASS INDIVIDUAL, JER. SEY 1, imported and American-bred, of the most fashionable PRIZE-WINNING and BUTTER TESTING strains the Island and America have

All Prominent Western Breeders of Jerseys.

CATALOGUES are being prepared by the Jersey Bulletin, and are now ready to mail. Write for copies to THE JERSEY BULLETIN, Indianapolis, Ind.

ANNUAL SALE! From Most Noted Herds, 100 Bread Jersey Breeders HEAD JERSEYS Tennessee Jersey Breeders

Nashville, Tenn., November 14, 1900. Consigned by Messrs. M. M. Gardner, M. C. Campbell, S. N. Warren, Jab. L. Cooper, D. S. Williams, D. P. Carter and Morgan & Brown, Write for Catalog. Bids sent honestly cared for. D. P. Carter and Morgan & Brown, Write for Catalog. Bids sent honestly cared for.



HEESEN'S

BED-WETTING CURED. Sample FREE. Dr. F. E. May, Bloomington, 111

paid for the balance. The pig butcher pand for the balance. The pig butchery was started six years ago with 600 members. It now has 2,000. It was started without capital, the buildings were erected from the proceeds of a loan for which the members gave security. It was expected to pay this off by a sinking fund in ten years, but the last of it will be paid this year.

year.
At no time in the history of Denmark have her farmers been more prosperous than they are now. I asked a very intelligent government official what was the secret of this. He answered, it lies in one word, "co-operation."

Denmark has two sources of wealth—agriculture and commerce. Both are flourishing, so that, almost alone among the countries of the world, Denmark has no poverty.

JAMES WOOD.

Copenhagen, Aug. 6.

DISHORNING CATTLE. - Dairyme DISHORNING CATTLE.— Dairymen and breeders who are competent to speak on the subject are unanimous in their approval of the practice of dishorning, both from the humane and the practical money-making point of view. A great deal depends, however, upon the manner in which the operation is performed. The accompanying filustration shows the Webster Convex Dishorner used in conjunction with the Bucker Stock Holder. The Convex is one of the simplest, and at the same time most powerful, dishorners made, having a double action, and making a smooth, quick, clean out, with the least oth, quick, clean cut, with the leas



read with irrest and pront by read with irrest and pront by the dairymen. contains suggestions that might well tadopted in this country:

The best danything is interesting, and it affords peblilities for instruction. The poorest shol give instruction also—of "how not to it." In the markets of the world Danisutter is classed as the best, and Americabutter the poorest of all. To every true priot this disgrace is galling. It have takeadvantage of the opportunity affords by being in Denmark to make a lit examination into Danish dairying. Id this by avoiding all the show placeand those of great reputation, choosi rather remote districts to come where a visr had never been seen, and where a lit couses the plain working methods.

It may byell to begin with a statement and stage where a plain to the animal. One special boundaries and where a visr had never been seen, and where a visr had never been seen, and where a visr had never been seen, and by the property of t A MONEY SAVER.

A MONEY SAVER.

As a rule not enough attention is paid to cooking feed for all kinds of live stock. It has been proven by careful tests that one-third to one-half the food is saved by cooking. This fact alone ought to satisfy the most doubtful. It is well to investigate carefully the merits of the different cookers offered for sale, and the one advertised in the columns of this paper by the Creamery Packing Mfg. Co. of St. Louis contains many necessary features not found in others. In the first place, their cooker is in reality a small boller, being exactly like one and of boiler steel; it has regular lap welded flues, is well rivited and caulked, and thoroughly tested by hydraulic pressure. One important point is that it is furnished with a force pump so that water can be put in the boiler at any time without letting down steam and stopping the progress of the cooking. Being in construction and operation like a boiler, it uses less fuel than other cookers. Any one owning live stock should investigate this. Note advertisement in another column and write for full particulars and prices.

Do you feed and water stock? If so write O. K. Harry Steel Works, St. Louis Mo., for catalog.





M. E. Moore's Herd of Holstein-Frieslan Cattle,

He is offering some of the finest breeding, Mechilide, Empress Josephine, Gerben, Parthonia, Abe Kirk, De Kol, Natherland and Pieteries, in this read of the Company of the

WRITE Wm. KOENIG & CO., ST. LOUIS, MO. For Catalog and Prices of





**Jack** of All Trades?

WATER SHELLS CORN FEED-CHURNS BUTTER-

-and hundreds of other jobs with the strength of 15 men. Most Convenient and useful power ever invented. Costs only TWO conts per hour to run. Especially adsolute to farm work.

IT 18 A NEW ENGINE MADE BY **Fairbanks** St. Paul Minner Morse & Chicago Cleveland Cincinnali Detroit Louisville Indicasacili Cleveland Minneapolis
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J. R. PURINTON & CO., DesMoines, lows

FREE RUPTURE CURE!

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SCOLMAN'S BURGAL WORLD. NOVEMBERT. 1990.

SECULTICAL LIVERS AND ADDRESS AND AD

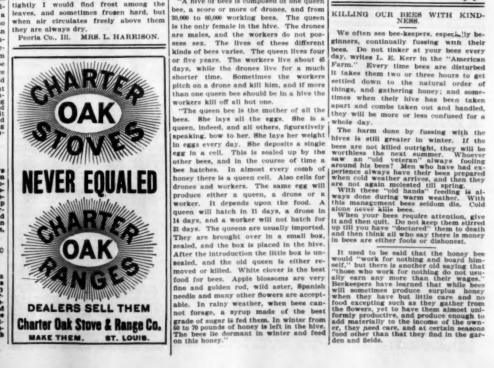
# We Can't Give Away Anything You pay for what you get in this world. You understand that. But as a business proposition we want you to try our great medicine for Indigestion. Constipation, Biliousness, Sick Headache, Insomnia, "the Blues," and like complaints— We know you won't buy it, until you know something about it. The best way to get you to know how good it is, is to let you try it. That's what we do. Send Stamp for "Health" booklet, and we will send you a free sample package, that you may try it yourself. We know you will always keep it in the house, if you once try it. What fairer offer could we make? At all Druggists—10 and 25 cents. Handsome FREE If, instead of sending for a sample, you send us 25c we will send you "Health" booklet, a 25c box and a handsome gold stok-pin, set with emersid, ruby or pearl, warranted to be worth double the money. Order bumber. This is an extra introductory offer. Only one pin to one person. If unsatisfactory, money returned. Bend now while the offer is good.

MODERN REMEDY COMPANY, KEWANEE, ILLINOIS.



acres sowed to wheat, 50 in meadow and pasture and balance in orchard, garden, lawn and nursery. Have about 20,000 young fruit trees in stock at present, and a good established nursery business.

Farm is well watered, all under good new fence, has new modern residence, three barns, tenant house, new, with four rooms, large poultry house, and all other necessary outbuildings. We are situated 137 miles from 8t. Louis, and two miles from city of Salem, Dent Co., Mo., one-half mile from school house, in model neighborhood and on a good rail-tent of the control of the contro



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Is the greatest and best of all newspapers. Its Telegraphic and Cable News Service excels that of any other paper. It prints the new news fully; not imaginative occurrences, but domestic and world-distant facts.

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andthis is the unanmous verdict of its more than half a andthis is the unanmous verdict of its more than half a million readers. It is BEYOND ALL COMPARISON, the biggest, best and cheapest national news and family journal published in America. It is STRICTLY REPUBLICAN in politics, but it is above all A NEWSPAPER, and gives ALL PORTION, OUT IN SHOVE SHIA MEMBRAPHE, and gives ALL THE NEWS promptly, accurately and impartially. It is INDIRPRINABLE to the Farmer, Merchant or Professional man who desires to keep thoroughly posted, but has not the time to read a large daily paper, while its great variety of well-selected reading matter makes it an INVALUABLE HOMB AND FAMILY PAPER.

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CHAS. E. PRUNTY, MAIN AND MARKET STS., ST. LOUIS

## The Greatest of all Wheat Growers

Is our DAISY FERTILIZER, and it is also the cheapest. A Natural Fertilizer and crop producer, giving best and surest field results. Field results are what farmers want. For Cera and Earden Truck our BEOADAX BRAND has no equal. All in 100 lbs bags. Send for prices. ST. LOUIS SANITARY CO., St. Louis, Me.

THE NATURE OF BEES. Dr. Liebrock's Fine Apiary at the Illino Fair.

One of the most interesting exhibits One of the most interesting exhibits at the Illinois State Fair was the immense array of George Liebrock & Sons of Mas-coutah, Illinois, located in the north wing of Horticultural Hall. Of an insect so common and useful very little is known by the general public and the attendants are kept busy all day answering questions which they do cheerfully and promptly.

By way of giving out a little information

By way of giving out a little information

By way of giving out a little information

WILCOX MFG. CO.,

AURORA. ILL. makes an opening to let in the air. After a cold spell if I find a cover shut down tightly I would find frost among the leaves, and sometimes frozen hard, but when air circulates freely above them they are always dry.

Peoria Co., Ill. MRS. L. HARRISON.

Peoria Co., Ill. MRS. L. HARRISON.

Right of bees is composed of one queen bee, a score or more of drones, and from 50,000 to 60,000 working bees. The queen like he is the only female in the hive. The drones are males, and the workers do not possess sex. The lives of these different finners, continually fussing with their finners.

TAPK TREES SUCCEED WHERE Largest Nursery. OTHERS FAIL. Proceed Subsection 19 18 years' experience. STARE SHOP, Louisian, He. J. Dearville, S. T.

PEACH TREES. 1 yr. from bud 2 to 4 ets. each CORN HUSKING

Is made easy and rapid work by the Wilcox-Lillie Corn Husker. One pass husks an ear. Fits any hand. Ask your desire for the genuine or send 40c in stamps to

# Live Stock.

low. 18.-W. B. Crooks, Eight-Mile, Mo. Closing out sale. Poland-Chinas. -Michael Hilgert, St. Joseph, Mo. cattle. 12.—John W. Funk, Jr., Hayworth, Poland-Chinas.

14.-Hector Cowan, Jr., Paullina, Ja.

Shorthorns.

6v. 15.—S. M. Winslow, Oskaloosa, Mo., J. S. Goodrich, Goodrich, Kan., and Paul Byrd, Chillicothe, Mc. Galloways. Sale at Kansas City.

6v. 15.—S. P. Emmons, Littrell and others, Mox. 160, Mo. Shorthorns.

ing of his sale of Poland-Chinas to be held Nov. 14, writes: "The sale will contain some of the very best bred and best individuals that will go under the hammer this season. Nine special attractions will be out of the famous sow Anderson's Model (4861), one of whose litters sold for \$8,260 to \$0.00, stock-eight season. Nine special attractions will be out of the famous sow Anderson's Model (4861), one of whose litters sold for \$8,365. Four are yearlings. Two of these are boars and one is simply grand, weighing close to 500 pounds. Five are of May farrow and by Missourl's Black Chief. Good judges have said these were the best pigs this sow ever raised. All five are sows. There are a lot of other good ones sired by Unique 22468, Model of '97, 20158, and Dewey 22662. Come to the sale bridge readily dos structs \$8,250 to \$3.00, stock-eigs 22,50 to \$ are sows. There are a lot of other good ones sired by Unique 22466, Model of '97, 20158, and Dewey 20662. Come to the sale and see for yourselves, or send bid and I will guarantee you fair treatment. The

catalog is ready." The Jack of all Trades made by Fairbanks, Morse and Company is useful in one thousand and one ways. See advertisement, page 2.

DEAFNESS CANNOT BE CURED

By local applications, as they cannot reach the diseased portions of the ear. There is only one way to cure Deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucuous lining of the Eustachian Tube. When this tube gets inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed Deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mouthing but an inflamed condition of the mouthing but an inflamed condition of the destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mouthing but on the land of the destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mouthing but on the land of the destroyed forever.

Perc. B.—Shander S. Pendiro, J. Pendiro, J

of ten are caused by catarrh, which is mothing but an inflamed condition of the mucuous surfaces.

We will give one Huadred Dollars for any case of Dearness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circulars, free.

F. J. CHENEY & CO., Toledo, O. Sold by Druggists, Sc. Co., Toledo, C. Hall's Family Pills are the best.

Lady Dewdrop 2d 37456, O. Harris, Harris, Mo.

Mo. GRAND SWEEPSTAKES.
Competition in grand sweepstakes is limited to prize winners in sections 1 to 5 and 5 to 11 inclusive, respectively.

and 5 to 11 inclusive, respectively.

Thomas Clark, Beecher, Ill., Perfection 19281.

moderate in the native division, but included no strictly choice cattle. We think cluded no strictly choice cattle. We think sale prices would have ruled about 10c higher than the close of last week. Children to the close of last week. The think close of last week. The strong to 10c higher. Receipts in the student prices would have ruled about 10c higher than the close of last week. The strong to 10c higher. Receipts in the student prices would have ruled about 10c higher than the close of last week. The strong to 10c higher. Receipts in the student prices would have ruled about 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong to 10c higher than the close of last week. The strong than the close of last week. The strong

12th 109674, Lady Jane 96828, to On 96838, Sapphira March On 100 Charles of Company of the Compa

Kanas City Sicok Yards Co., 4100, 380, 380, 480, 484, 483, 4814 & Simpson, Independence, Mo., Kandahar 196724, Donna Ada 18722, Bangle 5th 186738, Birgon Linchess 25d 196738, Bright Lass 18th 196737, Donna Ada 18722, Bangle 5th 186738, Birgon, Independence, Mo., Caprice 196725, Bilver Lining 5th 196738, Honora 2d 196723, Miss Caprice 196725, Bilver Lining 5th 196738, Gipsy Lady 196730, 196738, Gipsy Lady 196730, 3-W. S. Van Natta & Son, Fowler, Ind., March On 12th 196878, Sapphira March On 196838, Miranda 2d 196878, Nells March On 19784, Columbia Cherry 19788.

4-T. F. B. Sotham, Chillicothe, Mo., Thickfiesh 197739, Calates 197723, Nanette 197735, Electa 197739, Lady Improver 197723. 5-Steward & Hutcheon, Greenwood, Mo., Lucifer 196830, Queeniy 196835, Partity 2d 19685, Silver Cup 197716, Sister Thereas 196283, Kansil 3d 194714.

GROUPS.

SECTION 22, best two animals of either sex, produce of one cow, 17 entries, 6 prises, 98, 56, 385, 329, 185, 510.

--W. S. Van Natta & Son, Fowler, Ind., Christopher 69172 and Columbias 2555.

fered by the Common of the Com

17907. F. B. Sotham, Chillicothe, Mo., Improver 94020 and Benison 78828.

BECTION 28, best pair consisting of cow and her calf, any age, 8 entries, 3 prizes, 180, offered by the Midland Hotel, Kansas City, Mo.; \$50, offered by B. & S. J. Gabbert, Dearborn, Mo.; \$25, offered by L. B. Chappell, Mt. Leonard, Mo. 1—Gudgell & Simpson, Independence, Mo., Mischlevous 71758 and Mischlef Maker 78907.

chanicsville, Ind., and E. Corkins, any, Mo. 1. Geo. Hendry, Independence, Mo. 2. W. Burlton, Chillicothe, Mo. 3. John Harvey, Fowler, Ind. 4. Bert Fluck, Beecher, Ill.

dam recorded in "American Hereford Record."

PURE BREDS.

SECTION 1, steer, spayed or martin heifer, 2 years old and under 3, 2 prises, 360, 340.

1. Old Times 94034, T. F. B. Sotham.
2. Susie Harris 78200, O. Harris.

SECTION 2, steer, spayed or martin heifer, 1 year old and under 2, 2 prises, 360, 340.

1. Penwiper 91597, Gudgell & Simpson.

2. Baby —, John Hocker.

SECTION 3, steer, spayed or martin heifer, under i year old. 2 prizes, 360, 340.

1. Mistake, Gudgell & Simpson.

2. Hickory Grove, W. S. Van Natta & Son.

AUCTION

10 O'CLOCK,

NOVEMBER 15th, 1900. MEXICO, MO.

# 90-HEAD-90

Cruickshanks, Bates and Booth Mixed, Scotch and Scotch Topped.

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The Largest Pure Bred Cattle Sale ever made in N. E. Missouri. All Young Bulls, Heifers and Cows.

Write for Catalogue to

S. P. EMMONS, Mexico, Mo. 

> The Chappell-Leonard-Sawyer Smith-Waddell

# COMBINATION HEREFORD CATTLE SALE!

Kansas City Stock Yards New Sale Pavilion, WEDNESDAY AND THURSDAY. November 21 and 22, 1900.

110 -30 Bulls and 80 Cows-110

These cattle are the get of our herd bulls, Grove Briton, Hesiod 30th, Shadeland Dean, Earl of Shadeland 73d, Oakwood Hesiod 3d, Premier (by Beau Brummel.) In addition to these bulls there will be representatives of Hesiod 2d, Cherry Boy, Beau Donald, Washington and Weston Stamp. About 20 of the females will have calves at foot and the balance of breading are will be bread. at foot, and the balance of breeding age will be bred. We would respectfully call the attention of the reader to the popular blood lines of our offering and we leave their worth, individually, to the judgment of the cattle

YOUR PRICES WILL BE OURS.

For Catalogues apply to Walter B. Waddell, Lexington, No. CHAPPELL, N. W. LEONARD, T. C. SAWYER, Mt. Leonard, Mo. Fayette, Mo. Lexington, Mo.

C. B. SMITH, Fayette, Mo. W. B. WADDELL, Lexington, Mo. \*\*\*\*\*\*\*\*\*\*\*\*\*

PUBLIC SALE OF

# GALLOWAY CATTLE

NEW SALE PAVILION,

KANSAS CITY, MO., THURSDAY, NOVEMBER 15, 1900.

## 50-COWS and HEIFERS=50 36-BULLS-36

A selection from the herds of S. M. Winslow, of Oskaloosa, Mo., Paul Byrd, of Chillicothe, Mo., and J. S. Goodrich, of Goodrich, Kansas 28. H. J. Fluck.

SECTION II, best 20 head of rangeraised, grass fed steers, all yearlings or
all 2-year-olds; the individuals composing
this group must show a preponderance of
Hereford blood; 3 entries. 2 prizes, \$100,
offered by the Kansas City Live Stock
Co., Kansas City, Mo.; \$50, offered by the
Interstate National Bank, Kansas City.
Mo.

Col. R. E. EDMONSON Col. LAS W. SPARKS.

Col. R. E. EDMONSON, Col. JAS W. SPARKS, Auctioneers.

BLACKWATER SHORTHORNS! F. M. MARSHAL, Prop.,
BLACKWATER,
Cooper County, Mc.

Herd beaded by the Cruickshank Bull. Orange Hero, by Godoy. Females are of pure Scotch and
pure Bates, with individual merit the standard. Young stock of both sex for sale.

CRYSTAL SPRINGS SHORTHORNS 12 Yearling Bulls and 15 Yearling Helfers, all reds, for sale, out of cows of the Kirkievington. Acombs. Rose of Sharon. Princess, Braceletts and Goodness Tamilies, and sired by Chief Violed th 11504, Kirkievington, Duke of Haselinurs 11th, 12063 and Woodness Tesfor 12007. Come and them, they will bear inspection. Farm joins town.

J. F. F. F. M. L. E. J. Brackearding, Mo.

IDLEWILD SHORTHORNS!

SHORTHORNS, BERKSHIRES and JACKS.

# Shorthorns Scotch or Scotch Top and Bates mostly. Berkshires best blood in America and England Stock of all ages and both sex for sale. Call on or address. N. H. GENTEY, SEDALLA, Mo.

YOU CAN PREVENT BLACKLEG among your cattle by the use of Parke, Davis & Co.'s BLACKLEG VACCINE. Every lot is tested on cattle and found reliable before a single dose is put on the market. It will prevent BLACKLEG if fresh product is used, the same as vaccination prevents Smallpox is the human family. Operation simple, and easy to perform. Specify P., D. & Co.'s, and get the kind that is always reliable. For sale by all druggists. Write us for literature and full information, free on request.

PARKE, DAVIS & COMPANY, Detroit, Michigan. BRANCHES: New York City, Kansas City, Mo., Baltimore Orieans, La., Walkerville, Out., and Montreal, Qu



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began using it I could not go around the house without a cane; now, after having used four bottles, I can walk half a mile out of doors with the slight aid of a cane. I expect to continue its use until I am completely cured. Respectfully yours,

H. H. HAMER, Vermont, Ill. Dear Sir: Enclosed find \$2.00 for which please send me Bure Cure. I have ourse a tumpjaw on one of my cattle, and the horse that I was treating for fistule and poll evil is cured. She had a bunch on each side of her neck back of her ere about the size of a 2-quart measure, and a fistule on one side about the same size. Thanking you for your promptness, I remain yours truly,

Streator, Ill.

The second of the control of the con



Dr. S. A. TUTTLE, 22 Beverly St., Boston, Man.

Boware of so-called Ellin-none penulse but Tartie's.

Avoid all bilisters; they offer only temporary reliaf if any.

Steel Works, St. Louis, for Catalogue.

Tuttle's Elixir.

Used and endorsed by Adams Express Company Spreas Company Spread Company Spread Company Spread Company Spread Company Spread Company Sprea

KENDALI'S SPAVIN CURE

Cortain in its effects and does not bles Due fire: Fines and Moistin, form, Feb. 19; 1
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Price, 81 of the 82. And I minment for family the need to the second of th

# ARMOUR PUBLIC SALE

Imported and American Herefords

NEW SALE PAVILION TUESDAY, DEC. 11 and KANSAS CITY STOCK YARDS WEDNESDAY, DEC. 12

30 Imported Cows.

10 Imported Bulls. 25 American Bulls. 45 American Cows.

We pledge ourselves to offer a grand lot of cattle from the best families of England and America, among them Young Kansas Lad, the three-year-old bull now being used in the Armour herd; Climax 4th, the four-year-old Armour sire; Beau Real's Maid, the famous \$2,250 cow; the Queen's heifer Busybody; Imported Rosedrop, and the show cows Hortensia 9th and Vernal.

KIRK B. ARMOUR, Kansas City, Mo.

JAMES A. FUNKHOUSER, Plattsburg, Mo.

Catalogue ready.

Cols. JUDY, WOODS, SPARKS, EDMONSON and JONES, Auctioneers.

Attention is called to the Short-Horn sale of H. C. Duncan and George Bothwell on December 13 and 14.

### FOR SALE!

Sixty good black Missouri and Kentucky Jacks and Jennets. Lime tone Mammoth 298 and Clermont 115, sons of Superior Mammoth 124 and Day Star 22, first and second premium jacks at the World's Fair, 1893, at L. M. MONSEES & SONS, Props. of Limestone Valley Farm, SMITHTON, MO. the head of our herd.

ST. LOUIS NATIONAL STOCK YARDS,

pated at Bast St. Louis, directly opposite the city of St. Lou Shippers should see that their stock is billed directly to the

National Stock Yards.

O. T. JONES, General Mar. L. W. KRAKE, Aset. Jon'l May

## Gentry Bros., Sedalia, Mo.



CEDAR VALE STOCK FARM. Grand Duke of Hazelhurst 125404, as

30 Young Bulls and Heifers for sale at reasonable prices. Parties met at train. Farm 2 miles out.

### BLACK LEG VACCINE. PASTEUR VACCINE CO.,

519 Commerce Bldg, Kansas City, Mo. 48 Fifth Ave., Chi ago. 

Time-2:654, 2:054, 2:054, 2:056, 2:05

The cattle I offer are broad backeatile I offer are broad backgrade and the cattle I offer are broad backgrade and the cattle I offer are broad backfarm Knight beads the berds.
J. P. VISSEBING,
BOX IS, Melville, Illinois, (near St. Louis.

ENGLISH RED POLLED CATTLE Ene stock. 13 Your orders solicited. L. K. HASELTINE, Dorchester, Green Co., Mo HEREFORD CATTLE

8 Hereford bulis, registered. A few choice heifers Write to N. E. MOSHER & SON, Salisbury, Mo.

Shorthorn Heifers

DR SALE—By Baron Champion 12703, and out of one of Sharon, Craig's family, at a bargain if taken on. Call on or address POWELL BROS., LEE'S SUMMIT, MO.

For prices, etc., address W. H. H. STEPHENS, Bunceton, Mo.

SHORTHORN CATTLE—Foundation stock from best blood known to the breed, and Polander

Aberdeen-Angus Cattle. Hero of Smill Sd 25056 by Heathen Lad 2d beads he herd. Leading families. For sale: Choice oung bulls and females. Watson Bros., Juden ullivan Co., Mo., J. T. WATSON, Mgr., B. Sta. Larris. Mo.

# ABSORBINE Will reduce inflamed, swoller

PUFFS, and any Soft TUMORS, Bunch; pleasant to use; does not blis-BOILS, use; does not blister under bandage or remove the hair. \$2.00 a bottle. At regular deal-

W. F. VOUNG, P. D. F., Springfield, Mass Circulars if you want them.

## TROTTING BRED MARES TO LET.



H. WELLS GRAHAM. Live Stock and General Sales

AUCTIONEER

Will cry sales of any kind any where. Terms reasonable. Write before claiming dates. Office, Platter's Vale Stables.

Box 356, Chillicothe, Mo.

R. L. HARRIMANN, Live Stock Auctioneer, Bunceton, Mo. Sales made everywhere. Lifetime devoted to live stock. Up-to-date on every angle of the business. Am colling for best breeders in the country. Terms ow. Write before fixing dates.

JAS. W. SPARKS, Live Stock Auctioneer been and am now booked or the best sales of cattle hogs and hurses held in America. Terms low.

J. WEST JONES, LENOX, IOWA, and CAREY M. JONES, DAVENPORT, IA, IOWA'S LIVE STOCK AUCTIONEERS. Write before claiming dates.

S. P. EMMONS **Combination Shorthorn** Cattle Sale

MEXICO, MO., NOV. 15, 1900. The blood of the following great bulls largely disseminated in the offering: Young Abbottsburn,

SHORTHORN CATTLE, Berkahire Hogs. Angora Goats, Light Brakma and Golden Seabright chickens. Stock and eggs for sale. Call on or address J. J. LITTEBLL, Sturgeon, Me.

# Home Circle.

Written for the RURAL WORLD:

We cry unto the "Great Unknown."
Then listen for an answering tone,
Yet only hear our own heart moan
Its weary prayer for peace,
Until our soul—half careless grown—
With hope, and joy forever flown,
Goes wildly, like the chaff when blown
by wind that will not cease. By wind that will not ceas

Where art Thou? Dost Thou mean to hide Thy presence, when our hearts have crie "There is no hope in ought beside?" Thy presence, when our hearts nav "There is no hope in ought beside?" Dost care what unto hearts betide Down in this lonely sphere? Oh God, where'er, Whate'er Thou art, Have mercy on each human heart, Some comfort to each soul impart, Note every falling tear.

Forgive us when we blindly stand Unheeding Thy outstretched hand,
Forgetting Thy low-voiced commas
And all Thy promises so grand;
Forgetting Love and Trust,
Our selfish weakness, do forgive,
And let ze in The great three And let us in Thy pity live, t us in Thy grant.

nber we are dust.

MAY MYRTLE.

Written for the RURAL WORLD.

nversation recently had with During a conversation recently had with a lady who had spent a year in Europe, she stated the fact that nothing gave her so much pleasure during her travels abroad as that her two oldest girls-respectively is and it years of age—were everywhere taken for English girls because the ladvilke manners. This aserywhere taken for English girls becaus of their quiet, ladylike manners. This as sertion was not boastingly made, for thi other is a woman of gentle breeding igh a woman of wealth, she i and motherly duties absorb and energy, and she by word and enounces fashionable follies. But action denounces fashionable folies. But the English girl is everywhere recognized

the English girl is everywhere recognized by the characteristics of gentle manners and maidenly-modest conduct.

We who love our own dear America and her bright, fun-loving girls, did feel the sting of rebuke that this declaration did contain. Yet we blushingly were compelled to remember the times without number when we did wish that groups of girls in some public hail, or on the street corner, and even in the vestibules of churches, were not so loud. It is good for us sometimes to see ourselves as others us sometimes to see ourselves as other see us, and perhaps the statements of this much-traveled woman, though not flattering, may help some girl to be more The charm of quiet, unobtrusiv s in which others are preferred t in a young girl is irresistible. he habit has been carelessly acquire

If the habit has been carelessly acquired of talking in a loud, bolsterous tone, correct it by watching yourself and noting the effect upon others when you speak in sweet, gentle tones. If one has full control of the voice, speaking always in a subdued manner, a power has been acquired that will enable one to exert untold influence. Many a teacher has falled in the schoolroom because her pupils were irritated by the loud scolding tone always used even when such teacher only meant to be earnest.

lant way. Then above all never acquire the whining tone. The girl who is guarding her manner of speaking will not often say ungracious things. Strive never to extract attention in public places by noisy ing her manner of speaking will not often say ungracious things. Strive never to attract attention in public places by noisy talk and pointing out others and laughing boisterously, or by nudging a companion and then giggling. A really well-bred girl will never eat apples or any fruit, crunch nuts or chew gum in any public place where eating is not the order of the hour. Every girl should read a good, sensible book on etiquette, and thus inform herself on what conservative society demands of her. The girl of the farm home has no privileges that will exempt her from condemnation if she seeks to ignore such fixed rules.

farm home has an exempt her from condemnation if she seeks to ignore such fixed rules.

The great blessing of good manners lies in the power they give one to help others, and money value. Many but they have a cold money value. Mar bright, talented young woman with ruc leportment and a lack of knowledge usages was not placed in a position

A parent commits a grave error when by developing the mentality of the child, he fits her for places of responsibility and yet neglects to teach her to cultivate the gentle, gracious manner which will enable her more effectively to use her mental attainments. Good manners have been the avenues to much success, and boorishness marks the failure of many young men and women.

Caldwell Co., Mo.

Written for the RURAL WORLD. A WINTER IDYLL.

The characteristics of country towns for most proverbial. Yet the currents of life flow just as strongly, and human passions are just as rife as in the neart of a throbbing city. No matter how far from the haunts of civilization, the instinct for home and family and self-advancement has an all-prevailing influence. The little village has its absorbing topics of local interest. Its hills or vales have for ages beheld varied scenes. The early days of the red men, and finally the struggles of a frontier village have all been impartially frontier village have all been impartially

Enter into the first cottage over the way from the station. Here dwells that important factor, the stationmaster himself. A grate fire burns cheerfully in the front room. Down the road come two children, room. Down the road come two children, merrily swinging their schoolbags, now and then stopping for a tumble in the deep snow. They run noisily up to the house where their kind mother awaits them with a luncheon, which delights their youthful hearts. Indeed, it is a pretty sight to see the vigorous and hearty attack upon the vigorous

Slowly the sun retreats, casting his lengthening shadows behind him, and goes down to rest. The last of the two daily trains rumbles into the little station, and the windows of the sparse houses are filled with eager watchers.

Now the lamp is lighted in the cosy sitting room. The homely but abundant

MRS. WINSLOW'S SOOTHING SYRUP Has been used for over SIXTY YEARS by MILLIONS of MOTHERS for their CHILDREN WHILE TEEPHING, WITH PERFEYT SUCCESS. It SOOTHERS the CHILD, SOTTENS the GUMS, ALLAYS all PAIN; CURES WIND COLIO, and is the best remedy for DIAR-RHEA. Solid by Drugglais in every part of the world. Be sure and ask for "Mrs. Winslow's Southers Syrup," and take no other kind. Twesty-five cents a bottle. ening meal is set forth on the neatest Written for the RURAL WORLD. es. The station agent on his way red by the beacon light of his home,

Become when beauty, harmony and love, Sit at their humble hearth as angels sat At evening in the patriarch's tent."

HARRIET MARSHAL. Sangamon Co., III.

Written for the RURAL WORLD. CARE FOR APPEARANCE AN OBLI-

before entering the city, the gamin wouldn't know he was a hayseed. Some farmers take a pride in looking as dirty and ragged as possible when they go to town. I always insist on the men changing their clothing, even if it does take a little time. There was a time in the past when a farmer was known by the tan on face and hands, but as long as golf, football, tennis, boating, etc., are indulged in there is little difference in the appearance of the farmer and the merchant; that is, if the farmer takes any pride in his appearance. If he doesn't, it's a sufficient evidence that it was good.

Another experiment.—Having a lot of appearance of the farmer was known by the tan on face and hands, but as long as golf, football, tennis, boating, etc., are indulged in there is little difference in the appearance. If he doesn't, it's a sufficient evidence that it was good.

EXPERIMENTS 13.

and ribbon, just large enough to cover a bald place and fall over the little knob of

gray hair. Then I'll wear tea gowns and when too old to wear colors, there will be cream lace to soften the outlines.

I see St. Louis is surpassing herself in generosity towards Galveston. It may sound selfish, but I really do wish that

Written for the RURAL WORLD. PASTED ON THE DOOR.

No. no. Mr. Editor: I never slammed No, no, Mr. Editor; I never slammed taking a black pan or kettle from the wind. May be it is closed by a spring, I know not, but it slammed. I suspect Aunt Joanna and L. E. M. had something and put it in the stove, or in some box to do with the way it closed. Now, for the H. C. Oh, you may laugh, but I will be snapped if I am going to rap to have you open that door, not much. I am after L. E. M. of Lebanon, Mo., and do not tneed to be tarred and feathered, so I have pasted this on the door, I could have taked it, but paste is more silent.

basted this on the door, I could have tacked it, but paste is more silent.

As I stated before, I am of woman born.
A man? Well, yes, I must grant it. Why?
The editor gave me away. Refer to H. C. October 17, after "Farmers" "City and Country Life." By the way, "Farmer" is O. K. Although he called "en masque," I saw "a travers du masque." But here, L. E. M., you say I am a prim gentleman. Ge whiz, that is more than I can part is O. K. But I be blowed if I will accept the epithet of prim. Narry a bit, if cowhide boots, blue jean pants, a shirt or jumper, also the latter part of the week, a growth of beard will make one "a prim" gentleman, I am then prim, and a lahdydah. Although born and raised in the metropolis of the United States, "not by choice but circumstances," "when in Rome I do as the Romans do." I may have been prim then but do not accuse me.

I can assure you, my wife does not do the milking. As to my washing, scrubbing, etc., try me, L. E. M.; I can do it if it comes to a showdown.

L. E. M., you say that "on this globe L. E. M., you say that "on this globe there is room for us all to be suited." Let me tell you that on this little planet life is too short to find dissatisfaction, and therefor "not by choice, but by circumstances" do we find ourselves here on this globe, and whether it suits us or not, or our surroundings, we all must make the best of it.

and whether it suits us or not, or our surroundings, we all must make the best of it.

Have an aim in life, try and do the most good you can. You will meet with opposition. Remember that life here "on this globe" where "there is room for all," is made up of little incidents, not brilliant achievements; and that upon little the eternal hangs. You may meet with fall-ure, but to those of woman born failure means experience, and the latter is wealth, not to be measured by dollars and cents.

cents. Not to be measured by cents. Come what may come, be equipped, and when the time comes for all of us to cross the River of Death (without being prim or powdered), battling against the waves of doubt and uncertainty, although our way will be illumined by the searchild of the Cross, let us not have to be little to 'Rube,' 'Zimmy,' 'Country Wife,' Le M. and others, including yours truly, E. M. and others, including yours truly, S. F. M.

As I was making pumpkin pies the other As I was making pumpkin ples the other hastens onward, anxious to greet his loved ones. How happily the evening hours are spent. The table cleared, the children bring their books and study, while nearby sit their parents fondly watching them, or discussing the latest city news. So the evening passes quickly and pleasantly for all in the contented home.

"How rich and restful even poverty and toil broken much in cooking, not putting in much of the juice. This pie was then baked till the crust was done. Meanwhile I prepared a sauce or dressing of one tablespoonful of fout, one tablespoonful of butter, two tablespoonfuls of sugar rubbed together, then pouring on boiling water till the consistency of cream and seasoning with a little nutmeg; any flavoring liked can be used. When the pie was done I poured this sauce over it, and set it away to cool. At dinner time I had the satisfaction of having the boys say: "A

face and hands, but as long as golf, football, tennis, boating, etc., are induiged in there is little difference in the appearance of the farmer and the merchant; that is, if the farmer takes any pride in his appearance. If he doesn't, it's a delight to see a gamin take him in tow. We should always make the very best of our content of the farmer takes and the doesn't, it's a delight to see a gamin take him in tow. We should always make the very best of our content of the farmer takes and urroundings, trying to make ourselves ing. In the washing of milk cans, where surroundings, trying to make ourselves as presentable as possible.

So many ladies give up all thought of careful dressing when reaching middle life, putting on a straight, full skirt and plain, round waist with cape, then adding the old-time cap extending down over the ears (all being of dismal black), thus making one look as antediluvian like as possible. If I ever wear caps, they will be those little, fiuffy breakfast caps of lace and ribbon, just large enough to cover a look. glassware that is deeply creased or cut, I Guv the parson a shiny gold fiver no glass at all than one that has the creases and ornamentations filled full of dirt. The little brush and a little gold dust with an after rinsing in clear water will leave the glassware clear and spark-ling, a delight to any housewife.

For washing vegetables, such as beets, sweet potatoes and potatoes, to which the little will clieg and that it is a bard on

dirt will cling, and that is so hard on the hands to remove, I find an old whisk broom great help. Just put the vegetables many here are in want already. What will become of them this winter is a problem. Indeed, I can't see where our next groceries are to come from. The drouth has been far reaching and disastrous to nany. You that have plenty try to aptractate the blessing. It is dreadful to rant.

NANCY.

Bottineau Co., N. D.

more rinsing, or if wishing to pare them, they are then clean to handle. A brush could be used for the purpose, but having the broom I made use of it.

Keep a supply of old newspapers on the cooking table in the kitchen, and when taking a black pan or kettle from the stove or anything likely to soil the oll-clean that the put it on an old naper, and

Rome I do as the Romans do." I may have been prim then, but do not accuse me of that now. I am to-day a farmer by occupation, what your brainless city dudes call "a clod hopper," "a hayseed,"
"Rube," etc. But it is my choice, and I call "a clod hopper," "a hayseed," "Rube," etc. But it is my choice, and I am a "hayseed" to stay, "not by circumstances, but by choice." While in large cities I have seen the so-called finery, the style (?), the society ladies with powdered faces, cheeks and lips painted, eyelorows daubed to give them a luster and color nature never intended; a bustle so placed that it made me the impression of a rooster on parade. Only an idiot of a man would admire this stage getting up. If woman wants to be admired by the sterner sex, let her eyes shine with the pure and the true. Let nature paint and color her cheeks, and let her lay aside

sugar, a teaspoonful of salt, one cup of flour, three tablespoonfuls of fried pork drippings and cornmeal to make a thick batter. Bake in a moderate oven.



SHARING THE BURDEN

The wimen folks ses I'm a Blue Beard-Hedent orter got married ag'in—

But I wouldn't hev Jane hear me say it, Fur enny thing under the sun-Might hatch up the least mite uv envy Or jealousness toward number one.

You see es one day I wus plowin' You see es one day I wus plowin'
Thet little patch down by the crick,
The off ox he kinder got shaky—
Dropped off 'fore the end of th' week;
So I harnessed the nigh un up single—
Thought I'd try the ole critter alone—
But I might hev geehawed him till dod
day,
Thet plowin' would never bin done.

He's the snuggest man ever I see— And reckonin' only on critters, 'Spect he did git the best, some, of me. But while he was sizin' up Jersey, Which I hed left tied in the lane, I swapped a few words 'bout the weat' Etcet'ry with his daughter Jane. Didn't fool away much time a-spo

Popped the qu Guv the parson a shiny gold hver Fur tying the knot good and tight. Ole Allen he opened his peepers When we ast his consent, me and Jane Kinder broke him up, but he guv it, And added a solemn Amen.

Doan't care of they do call me Blue Beard, 'Caus I ast Deacon Jones' advice, He guv it a good pray'rful thinkin', And told me by all means to splice. But one thing I'm willin' to stand by, Whuther oxen or men I doan't care Thet a yoke upon one pair uv should Ez mighty hard burden to bear.

Kinder worried me some about Heaven Bein't there with Mariar and Jane— How to do the squar thing by two angels Doan't seem so teetotally plain. But I'v read about Solomon's family,

I send this poem in response to the re-quest made by Mrs. Lucy Foster, and ask some one of the many readers of RURAL WORLD to please send me the poem that

Wisdom's heights I'm just descending. And if I remember right, the last lines

But then I know when school is over, I can run in the fields of clover, Skip away, skip away, etc

MRS. ATTELLIA BATCHELOR. coln Co., Ark. Written for the RURAL WORLD.
A PERTINENT QUERY. How to Entertain the Children on Sunday

pedagogic knowledge of children. It seems to me that one of the questions of the age is: What shall we do with the chilat church always a wise course? I own a farm and live with my brother's fam

ily in my own house.

My sister-in-law is an excellent hous admires the RURAL WORLD, but is too admires the RURAL WORLD, but is too busy to give others the benefit of her experience. We moved from a small town to the farm more than two years ago. She would not go back to town for anything. She so enjoys the quiet, independence of farm life. I, too, much prefer the country except on dreary winter days, when I'm housed up too long. Really, Idyll, I knew you long ago through the Christian Evangelist, but had always thought of you as an ethereal Mrs. Browning sort of a woman, who, so far as

Browning sort of a woman, who, so far as mind and matter go, was made on the sixteen to one ratio. That is sixteen parts of mind to one of matter. But to think of that heroic ride after coal oil! Why Sherman's "March to the Sea" was hardly more wonderful. So far as I am concerned our folks would have to be among those "that sit in darkness" before I'd under-

pure and the true. Let nature paint and color her cheeks, and let her lay aside that which ruins her good looks, to-wit: The powder box, rouge, beliadonna and every thing that will help to make her an artificial being.

"My motherly advice!" Bah! I refer L. E. M. and all the readers of the H. C. for any motherly advice to Aunt Joanna. My advice was not motherly. No, but it was and is an advice that the world would call sensible.

"Bent my early days trying to get the dear girls to see as I do on the subject of being a "Country Wife." I am yet in my early days. The knell of Time has not as yet struck 30, and will not for awhile yet. A bachelor? you ask? Well, never mind, I am from Missouri and can sight you. See?

As to miking cows, I must admit that I am N. G.; as to drinking the extract from the cow's udder, I am O. K. One thing I can assure you, my wife dees not do. with a pinch of sait. Beat the egg until very light, add the sugar and beat once more; then stir in the flour and nuts until smoothly mixed. Drop in spoonfuls on a greased tin and bake in a moderately quick oven to a delicate brown.

A DELICIOUS CORN BREAD.—Into a quart of sour milk stir a teaspoonful of soda and let it foam up. Stir into this three beaten eggs, a tablespoonful of sugar, a teaspoonful of sait, one cup of flour, three tablespoonfuls of fried pork drippings and cornmeal to make a thick batter. Bake in a moderate oven. on her mind that may last half a century or more, I dare not repel her innocent ad-vances and efforts to make me entertain her awhile. It is said, the Creator never

her awhile. It is said, the Creator never made anything useless, and I suppose even oid maids are indispensable sometimes. I'm staying at present with a relative, who needs company, and in this emergency she looks to me.

Dear Home Circle, I know some of you personally, and would like to know you all. I'm a silent partner in the subscription which brings the RURAL WORLD to our home, consequently I entertain a faint hope that I shall not be lowered down in a basket (waste basket) and make my escape to come no more. Tell me, Mrs. Emms See Roberts, are you kin to the illustrious T. J. J. See? I know his family well and many of his name.

EAVESDROPPER.

TO CURE A COLD IN ONE DAY
Take Laxative Bromo Quining Tablets. All
druggists refund the modesy if it falls to cure.
E. W. drove's signature is on each box, 25c.

## Poultry Yard.

MISSOURI POULTRY ASSOCIATION.— E. E. Codding, President, Sedalia, Mo., Mrs. E. A. Creel, Secretary, Carrollton, Mo.

MISSOURI POULTRY MEETINGS AND SHOWS

State poultry meeting and show at Fayette, Mo., December 10-14, 1900. Mrs. E. A. Creel, Carrollton, Mo., Secretary.
North Missouri Poultry Show at Kirksville, Mo., December 2-7, 1900. F. M. Buckingham, Kirksville, Mo., secretary.
Grand River Valley Poultry Show at Albany, Mo., November 19-24, 1900. R. R. French, Ford City, Mo., secretary.
Northeast Mo. Poultry Show at Bowling Green, Mo., December 2-6, 1900. L. T. Sanderson, secretary.

D. T. HEIMLICH of Jacksonville, Ill., laces his advertisement of thoroughbred oultry in this issue. Mr. Heimlich is, an outry in this issue. Ar. reminer is an experienced breeder and judge of poultry, and is thoroughly reliable. Any one or-pering poultry of any of his varieties from im may be assured of fair treatment and nod birds. Look up his advertisement.

CEDAR HILL POULTRY NOTES.

Our method is to have our pullets that their of harding instinct, and a hatched in April. They are fed liberally, and in four or five months they will begin lay their eggs in nests of their own choir to lay and keep it up during the winter and spring months. By July 1 eggs are of but little value in the market, and our pullets are ready for the butcher. The pullets of the April hatch will, by Sepember 1, begin to lay, or as soon as the mether would after moulting; so you can readily see there is more profit in selling the yearling hen at this time than in keep winter poultry feed will consist of

Our winter poultry feed will consist of cooked beets, carrots and small potatoes, ensilage and various grains, together with green bone and grit. As we have plenty of steam our bone cutter will run easier than by the "arm-strong" method.

Now, dear reader, the above does not apply to any old hen. Just as in the dairy business, we must have a special cow for a special purpose; just as surely in the poultry yard we must have a special hen for a special purpose. The Mediterranean class of fowls is the one that pays a profit. It is the Jersey of the hen breed. Leghorns are the best of this class. We have the prown Leghorns, and in 20 years have the brown Leghorns, and in 20 years of breeding them we have yet to lose one by cholera, or have them refuse to yield a profit. BUFF JERSEY.

LAYING HENS.

The Position and Attention to Laying

When the laying nests are placed in the roosting houses they are sure to get very foul from the droppings of hens which roost on them during the night, and when he nests are in a dirty state hens do not care to lay in them, but generally look elsewhere for a place where they can deposit their eggs, writes H. F. in the "London Farm and Stock Breeder." By placing the nests on the floor, and clear of the perches, their pollution by droppings rom fowls may be avoided, and in the se of the larger breeds this plan should resorted to. Hens of the light varieties, however, prefer to lay in nests some distance from the ground, and if nests on the floor are only provided, they will



IF YOUR present employment does not take up all of your time, it is quite possible that you can double your income by taking the agency for your town for

### The Ladies' Home Journal The Saturday **Evening Post**

You can surely make every minute of your time profitable. We want energetic workers to secure new subscribers and renewals.

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Also, liberal rebates for large clubs. And, in addition, we are going to reward 764 of our most successful agents with \$18,000 at the end of the season. You may make five hundred or a thousand dollars during the winter in addition to commissions that would ordinarily be deserted ample compared ample compa ordinarily be deemed ample com-pensation for the work. Write.

THE CURTIS PUBLISHING COMPANY PHILADELPHIA  often not use them and lay away; to avoid this, the nest boxes must be hung up against the walls, and to prevent the nuisance of having them fouled, they should be provided with a lid which works on hinges and can be lifted up in the day time, whilst at night it is let down. This plan, though efficient, requires some trouble, and the same object may be attained by nalling into them in the front tained by nailing into them in the

by cutting a small aperture in the fre Laying hens must not be

regarding the provision of suitable boxes, the danger of hens "stealing th nests" and laying their eggs in out-of-ti way corners, where they cannot be fou or are stolen, or eaten by rats, may greatly reduced, although it cannot ev avoided in cases where fowls have a pr we are mending window sashes, banking up hen houses, and battening any cracks that may exist, thus getting things in shape for those winter eggs. We are better prepared than ever before for making our hens lay. First, we have the hens, or rather pullets. If there are any hens on the farm over one year old, we do not know it. All of last year's stock went to the market in spring, just before the new crop of fries was ripe. At that time fat hens were worth more than at any other time, and besides could be better spared than at most any time of the year. Most of our farmer poultry keepers make the mistake of keeping hens year after year. Not only do they take up the room of the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets, but also are the ones that feet and the pullets and the pullets and the pullets are properly succeeded in the corners of sheds or in shrubberies, and these will be much used by the hens in the spring and summer. During the winter months hens can be got to lay in the roosting-house without much trouble, but in the warm weather, when shrubberies and hedges without much trouble, but in the warm weather, when shrubberies, and these will be warmer. During the winter months hens can be got to lay in the roosting-house and begins to the pring a way, suitable ness toxes may be placed in the corners of sheds or in shrubberies, and these will be watcher, when shrubberies, and ther tically unlimited range. To reduce the risk of eggs being of our farmer poultry keepers make the mistake of keeping hens year after year. Not only do they take up the room of the pullets, but also are the ones that first succumb to discases. After a hen reaches 18 months of age her best laying days are over, and her room should be given to her chickens.

Our method is to have our pullets hatched in April. They are fed liberally, and in four or five months they will begin to lay and keep it up during the winter

CLOVER FOR CHICKENS.

Clover seems to be a plant of very general utility on the farm. It will aid powerfully in fertilizing the soil through the nitrogen-gathering capabilities of its roots. While at is doing this, it is also producing the most abundant and valuable fodder for about every animal or fowl on the farm, writes John L. Van Doren in the "N. Y. Farmer."

Experience shows me that clover its production of the control of t

Experience shows me that clover is most nutritious and desirable food for poultry. Last year I discovered that he will eat it not only when it is green, but also when it is dry. When ranging where clover was plentiful, the fowls were in clover was plentiful, the fowls were in better condition.

Acting on this suggestion. I tried the

fowls on clover hay. They ate it w gusto, and I started in to provide so for the winter. I cut a quantity of se ond-growth clover, cured it carefully. ond-growth clover, cured it carefully, and stored it loosely. The leaves and blossoms remained unbroken, and the color was a dark green mostly.

During the winter the fowls seemed to revel on this hay. They would leave almost any other food to tackle the clover hay. They had formerly seemed indifferent

hay. They had formerly seemed indiffer ent to bald clover hay, and my idea is that I hit the curing just so as to the hay very attractive to them.

NOTES.

KEROSENE FOR LICE. a week a little kerosene and lard, mixed, and rubbed on the breast and under the wings of the mother hen, and a good sprinkling of the kerosene over the litter n the night quarters, says Geneva Marc in the "Epitomist." This is all done after the chickens go to roost. The fun the kerosene will finish all the lice bodies of the chicks, and the lard, which they will rub from the mother onto the heads, will do for those on the head rhere is no danger of suffocating the chicks, as in the summer time they will rearriably roost with their heads out the summer time they will rearriable to summer time they will rearriable to summer time they will rearriable to summer the will be the summer time they will rearriable to summer the summer that I have not is because the quarter for the hens are kept very clean, by the use of plenty of kerosene; and I never overcrowd my chickens. The late hatche chicken is surely worthy of your carefuconsideration. You will find that there is a fine little sum of money to be made in the summer to the summer that the sum bodies of the chicks, and the lard, w

consideration.

a nice little sum of money to be made a nice little sum of money to be made a nice little sum of money to be made a nice little sum of the packing of the crop until it is distended to an unusual size, the cause being due to the closing of the passage leading from the crop to the gizzard. The closing of this passage may occur when the hen swallows long dried grass, a piece of rope, rag or some other substance. But hard rag or some other substance. But hard some may come from indigestion. When

Maplehurst at the Shows

TWENTY-five years in the poultry business:
have ablipped fowls and eggs to almost every
state. Send for illustrated existing of the best
Eastern stock.

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Bowling Green, Mo. SPECIAL BARGAINS!

Now at the EGG FARM. Stock equals the best. Eggs as chesp as any. Young and old Brown and White Leghorns, Barred and White Ply. Rooks Black Minores. Write to day for Circular to Black Minores. W. GERE, Farmington, Mo.



A woman has a right to be pumatters which are matters of knowledge and experience. By an who has used Dr. Pierce'a Prescription for diseases of the Prescription for diseases of the womanly organs is positive as to its wonderful curative value, and confidently recommends it to similar sufferers.

Women who suffer from inflammation, ulceration, female weakness, or nervous diseases caused by disease of the womanly organs will find a complete cure by the use of "Favorite Prescription."

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"Several years ago I suffered severely from female weakness, prolapsus, and menorrhagia, and used Dr. Pierce's Favorite Precription with splendid effect," writes Fauorite Precription with splendid effect, "writes Fauorite Precription with splendid effect," writes Fauorite Precription for a few years past, but if I should needed to for a few years past, but if I should needed to for a few years past, but if I should needed to return of the old trouble would surely try Prevorite Prescription.' I have recommended it to a number of my lady friends. I always tell them to try a bottle, and if they are not benefited by it I will pay for the medicine. In every case they have spoken in praise of it."

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COE'S ECZEMA CURE \$1 Large sample mailed free. POULTRY.

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for sale with score card after Dec. lat D. T. Heimlich, judge. Mrs. John L. Galfell, Charleston. Ill FOR SALE—Scotch Collie pups of finest breeding, Some choice Shropshire Rams. Also White Ply-mouth Rock Cockerels. Write for prices. ROST CLOUGH, Carrollton. Illinois.

OR SALE—Choice Barred Ply. Rocks and Light Brahmas, O. W. REID, Prairie Hill, Mo. Pres D. J. Lambert, Rox 310, Apponent R v CHOICE Black Minorcas, C. I. Games, Sherwoods Prices reasonable. W. W. GRAVES, Butler, Mo UFF and WHITE ROCKS for sale. Write your wants. MRS. J. E. MAY, Wilson, Mo.

BUFF ORPINGTONS, after September 15, cocker-erels \$2; 5 for \$5. One cock \$5. HENRY C. WAHLMANN, Red Bud, Illinois. 1882—Cockerels and Pullets, Lt. Brah.—1900 Rocks, B. L. Wyandottes, Satisfaction or your money back. Prices right. H. T. BEED, Camp Point, Ill.

PRAIRIE HOME POULTRY YARDS. Bronze and White Holland Turkeys, Lc. Brak-mas, Silver, Golden and White Wyandottes. Barred and White Plymouth Rooks, Peafowls and Pearl Guineas. Stock for sale. Mrs J. & JOHNSTON, Prairie Home, Cooper Co., Mo.

Barred Rocks, Pekin Ducks!-Prise stock. eggs for sale. Guarantee satisfaction. NEPENTHE POULTRY BANCE, New Florence, Mo

W. P. ROCKS and DUROC-JERSEYS Young Stock for sale at farmer R. S. THOMAS, Carthage, Mo.



500 BARRED and WHITE PLYMOUTH ROCKS

Cockerels for sale from \$2.00 to \$5.00 each. Well-bred and of high quality. D. T. HRIMLICH. Jacksonville, Ill.







MINCHESTE FACTORY LOADED SHOTGUN SHELLS

"NewRival," "Leader," and "Repeater" Emist upon having them, take no others and you will get the best shells that more ALL DEALERS KEEP THEM.

all rai Ad The and for

FO

Express Charges Prepaid

One hundred and fifty tho

whiskey. Ample testimony as to its purity and quality, is it not?

Save the enormous profits of the middlemen. Such

whiskey as we offer for \$3.20 cannot be had elsewhere for less than \$5. Our distillery was established in 1866.

# Coughs and Colds The Pig Pen.

## ALLEN'S Lung Balsam **GOV'T HOG REMEDY**

LEE'S HOR REMEDY is still be most popular and successful

CAN'T YOU TAKE AGENCY

THE ADVANCE FENCE

POLAND-CHINAS.

POLAND - CHINAS.

BLACK U. S. AND TECUMSEH POLAND CHINAS.

Pigs at \$10. Pedigrees furnished. All letters an rwered. Jersey Cattle of good butter strains fo BRNEST W. WALLEN. Mozett, Mo. VIVION & ALEXANDER,
PULTON, MO.
Breeders of the best strains of Poland-Ohima
logs, Registered Joreey cattle and Plymouth
Each chicks. Towns shock for sale at all times.

**POLAND-CHINAS** 

J. H. WAGENECK, Enfield, Illinois

rm Send success-ila., Pa

d free, cland, 0

Book

. Y.

RARE CHANCE TO GET PRIZE-WINNING Foland-Chinas right. Captured 10 firsts:
second premiums at Edwardville. Ill., Fair, and
the same premiums at the Highiand Madison Couny Fair. We have a splendid to of a spring pigs to
ofter. Everything eligible to recond.
L. A. SPIEC BREEDING CO., St. Jasob, Ill.

DUROC-JERSEYS.

**DUROC-JERSEYS** 

Choice boars ready for service and gilts bred for any spring farrow. Also pigs ready to ween. S. Y. THORNTON, BLACKWATER, MO.

BERKSHIRES.

Large English BERKSHIRES! 25 buy, best of breeding. B. P. H. Chickens; Holstein Cattle.

G. W. McINTOSH, MONEYT, MO.



Cure the Sick Ones at DGS Five Cents Per Hog Per Year.

A postal will bring full particulars and book on "CARE" OF HOGS." Address Moore's Co., Stock Yards, WANSAS, MO.



SKIM MILK BERKSHIRES

20 Jersey heifer calves through their baby-hood and turning them out of the yard where they received their skim milk, we

ceiving same feed, were 12 mature hogs. We sold six of these at 5 cents per pound, and their combined weight was 2,000 pounds, making \$101.50, giving us a total of \$219.10 for our summer's skim milk in our hog department. We have left five barrows of 150 pounds each, worth \$37.50, and six brood sows, due to farrow soon, worth by weight \$125. As I stated before, this bunch of hogs did not receive any grain feed during the summer. We now are feeding the brood sows sugar beets and ground oats, soaked in skim milk. We will experiment on the value of skir

I am now fully convinced that rape is a

grand pasture food for hogs. The English Berkshires are, in my opin-The English Berkshires are, in my opinion, the hogs to put on the dairy farm. They are healthy, busy hogs, very large at maturity and weigh more for their looks than any breed I am familiar with. But few visitors at the farm can make good guesses as to the weight of our hogs. Our herd boar weighs over 600 pounds in good order and could carry 300 pounds more on his legs readily. The sows in good breeding order weigh over 600 pounds each.

ways kept hogs and have yet my first one to have cholera. I have had neighbors all around me lose hogs, while mine never st the curl from their white-tipped tails.

Monmouth, Ill. BUFF JERSEY.

A HOG PASTURE.

r RURAL WORLD: In a recent isue John W. Alton asks for information egarding a hog pasture, and herewith I rive some of my experience. In the fall of 1899 I sowed two patches

In the fall of 1899 I sowed two patches of rye, one containing three acres and the other two. I pastured them some in the fall and winter. In the spring I turned hogs and cattle on changing from one to the other every few days. I kept the rye pastured down so it would not head out. By June 15 I had the two-acre piece pastured very close. So all the stock was turned on the other patch. I then plowed two-thirds of the two acres and sowed -thirds of the two acres and sowed arf Essex rape broadcast, harrowing in ell about 2½ pounds to the acre. I then anted the same ground to whippoorwill s with drill attachment. Both the rape

WHY DIFFERENT TYPES OF HOGS ARE WANTED.

hog raiser in the following extract from the "National Provisioner:" "While the stock grower is pussling DON'T PAY well and his head as to the best hog for comme while the stock grower is pussing his head as to the best hog for commercial purposes, the packer is perfecting the scheme of producing the best possible plece of marketable bacon. Science sometimes gets ahead of trade and causes the extremist to overlook the general market in his pursuit of a fruitless article the perfect breakfast bacon hog is not necessarily a perfect hog for general domestic purposes for even a very large number of customers. Consumers, when grouped into classes, differ widely in the character of hog product they desire. The connoisseur undoubtedly goes for a "shraky fat" thin slab of well cured, crisp bacon. The farmer, especially the farmer of the Bouth, desires a thick "fat and lean" hunk of bacon, and a ham which, however, is not too lean. There are seven million negroes in the southern states, and most of these boil their bacon and



GROUP OF SHROPSHIRES, IO WA AGRICULTURAL COLLEGE, Sheep Barn in Background,

easy to see that the different requirements cal and of consumers can only be met by the use receive of different animals in different condi-

> noisseur are what those writers who dis-cuss the bacon hog always have in view. But he only represents a class, and a small one. He is willing to pay a good price for what he wants and it is but right that he should have what he is able and willing to pay for. But at best he provides only a limited market, and one provides only a limited marker, and one easily congested if the hog raisers of the United States should all turn their attention to providing for his wants. Outside of him we come to the great mass of consumers, whose requirements really furnish the principal market for all meat products, and with them heavier and fatter meats are just as surely demanded as lean meats are by the one first mentioned. A man's employment and state of health will largely determine his preference as to fat and lean meats. Then the great mass of the soldlers in active service must have fat meats. The beef furnished them, either on foot, pickled or canned, is always lean, because lean cattle can be purchased cheapest by the packer. Hence the pork and bacon furnished are always fat, and it is best for the soldiers that it should be, as butter easily congested if the hog raisers of the nished are always fat, and it is best for the soldiers that it should be, as butter is not part of army ration, and cannot be used as in home life to make up for lack of fat in the meat they consume. Wherever men are working at laborious employments, and this constitutes the mass of them in every progressive nation, lean bacon will find a poor market. Hence the lean bacon hog has, and always will have, a limited market.
>
> There is no doubt of the fact that many appetites and conditions make many?

many appetites and conditions make many demands for meats of all kind. The most foolish departure in swine-breeding which could be made would be the raising of

single-purpose hog.

The hog must be so constructed that b planted the same ground to whippoorwill peas with drill attachment. Both the rape and cowpeas came up finely and made excellent growth.

About July 18 I turned about 25 head of stock hogs on the patch, and about August 19 I turned my milch cow in, and such a feast I never saw. The hogs and cow would not touch the cowpeas at all as long as the rape would last, which did until the pods on the cowpeas began to ripen. Then the hogs and cow went for them as long as there was a pod. There is some of the rape green at this thre. I intend planning to have ten acres next spring to plant in this manner, and if the result is as a satisfactory, I would not exchange with any man that would assure me 75 bushels of corn to the acre for my passure thus prepared.

St. Charles Co., Mo. different methods of feeding and handlin

great combination sale of Berkshires that will be held at Kansas City November 28, and which is advertised in this issue. Z, and which is advertised in this issue. To show that the offering will include nothing but choice animals, it is only necessary to give the names of breeders who will consign hogs to this sale: N. H. Gentry, Sedalia, Mo., will consign 20 head; C. A. Stannard, Emporis, Kas., iš head; June K. King, Marshall, Mo., nine head; W. W. Majors, Kearney, Mo.; J. S. Hanks, Hartwell, Mo., and Manwaring Bros. Lawrence, Kas., each five head. With such herds as these represented, it is to be expected that, as each breeder is consigning only a small number, the offerings will prove to be a fancy lot, in fact, one of the best ever brought together in one sale in this county. eaders to send at once to C. A. Stannard,

S. L. BROWN, Ashmore, Ill., writes please change my ad. I send all my stock subject to approval and find all my cuswhere they go. I have about 40 White Holland turkeys, the best I ever raised,

J. K. PURINTON & CO., Des Moines, lowa, will be remembered by our readers as ploneer manufacturers of steam feed cookers. They also manufacture galvan-ised steel tanks. Their advertisement in our columns offers special inducements to farmers at this time. Our readers should give their offer careful attention

J. E. HAYNES, Ames, Ill., writes:
"Please change my ad. as per enclosed
copy. I am sold out of spring gilts, but
have a number of choice seven-months-old have a number of choice seven-months-old males ready to move. The exceptional fine weather has been generous on fall pigs, and I will have a host of them to go into winter quarters in a thrifty condition. In fall pigs I have a few Chester Whites to offer the trade at moderate prices. The RURAL WORLD is one of the 'roliables' for the farmer and advertiser. It has a circulation that 'circulates,' and news that enlightens."

MISSOURI SHEEP BREEDERS' ASSO-CLATION.

Norman J. Colman, President, 124 Chem-ical Building, St. Louis, Mo.

L. E. Shattuck, Secretary, Stanberry, Mo.

THE FLEECE AS A GUIDE.

There is no better criterion by which we are able to correctly judge of the general health of a sheep than its fleece. Since the health of the flock depends much on the quality of food it receives, so also is the growth and quality of the fleece influenced in like manner. We have always considered that sheep fed abundantly on roots with a small allowance of grain thrown in, invariably give us a heavier, a more brilliant and lustrous fleece than the flock fed on hay and other dry fodder, even with the most liberal use of grain added. The Michigan Experiment Station, however, says: "There is no special ration which, if fed to sheep, will produce wool of great length, nor can we, at any There is no better criterion by which w ration which, if fed to sheep, will produce wool of great length, nor can we, at any time, say that any special ration is to be recommended to produce a large quantity of wool. It has often been observed that sheep and lambs that have been on full feed for long periods shear heavy fleeces of wool. This would indicate that any ration calculated to keep the sheep in a thrifty condition would be a suitable one for growing large quantities of wool. From what we have said above, the woolgrower will understand that it is highly E. H. WARE will sell a choice consignment of Poland-Chinas at Douglass, Ill., on November 22. The sires of this offering are the great prise winning boars Chief Perfection 2d, I Am Perfection and Perfect Know, and the dams are by Chief Perfection, Best on Earth, L.'s Perfection, Hawkeye Chief and Guy Wilkes. Here

STARTING A FLOCK.

How to Do It .- The fall is an exceller B. L. BROWN, Ashmore. Ill., writes please change my ad. I send all my stock subject to approval and find all my customers well pleased. I still have 12 boars and some gilts that will surely please where they go. I have about 40 White Holland turkeys, the best I ever raised, that are ready to ship.

J. K. PURINTON & CO., Des Moines, lows, will be remembered by our readers as ploneer manufacturers of steam feed cookers. They also manufacture galvanised steel tanks. Their advertisement in lambs. Experience has proven to our satisfaction that a good healthy ewe, six or eight years old, if properly cared for, is likely to raise a better lamb, or may be two of them, than a ewe one year old. But where old ewes are used the flock should not be so large but what the shep-herd can properly look over the flock daily, and he should see that they are of

have a number of choice seven-months-old males ready to move. The exceptional fine weather has been generous on fall pigs, and I will have a host of them to go into winter quarters in a thrifty condition. In fall pigs I have a few Chester Whites to offer the trade at moderate prices. The RURAL WORLD is one of the "reliables" for the farmer and advertiser. It has a circulation that 'circurates,' and news that enlightens."

NEXT SPRING'S PIGS.—The quality of next spring's hog crop depends on the use of a good registered boar. His produce, will have the right conformation, quick growing and early maturing qualities. This will enable the farmer to put a 200-pound hog on the market at seven months old. This cuts five to eight months out of the life and risk of the hog, and consequently five to eight months out of the life and risk of the hog, and consequently five to eight months out of the farmer's expenses. J. P. Vissering of Meriville, Ill., breeds the right type of Poland-Chinas and sells them at prices that find quick buyers. See his ad. elsewhere.

The Shepherd.

MISSOURI SHEEP BREEDERS' ASSOCIATION.

MISSOURI SHEEP BREEDERS' ASSO

General Care. - Don't overwork the and if one needs more than one ram di-vide the flock, and let each ram have his bunch of ewes. Put him away in the morning. By breaking him to lead with a halter there is but little trouble. The ram should be well fed with grain, oats and bran are best, and some cabbage or roots are a great help to keep him in good condition. The ewes will also be better for a little grain feed, especially to what better use the cheep the con-town of the best of the con-town of the best of the con-town of the best antidotes Long experience in the sheep business has taught us that one of the best antidotes to internal parasites is good, nutritious, digestible food. and if one needs more than one ram

FOR WORMS.

The full treatment recommended by the Ohio Experiment Station for worms in sheep or lambs is to put a gallon of flax seed in a cheese cloth sack, and place this left settle with the seed in a cheese cloth sack, and place this left settle with the seed that the seed in the seed in the seed that seed seed that

# At Harrisonville, Mo., Nov.10, 1900. ...... Chief Eclipsed 29499 Stre, Mo's Black Ohlef 19399. Dam, Star Face Beaut, 41965.

THE HAYNER DISTILLING CO. 305-307 8. Seventh St., St.

Feeeeeeeee>>>>>>>

80 Head of Royal

Quarts

Our entire product is sold

direct to consumers, you thus avoid adulteration and mid-dlemen's profits. If you want pure whiskey for medicinal purposes or otherwise, read the following offer. It will interest you

We will send four full quart

We will send four full quart bottles of Hayner's Seven-Year-Old Double Copper Dis-tilled Ry-Whiskey for \$3.20, Express Prepaid. We ship in pinin packages—no marks to indicate contents. When you get it and test it, if it is not satisfactory return it at our expense and we will

Chief's Model Dewey 21667 Sire, thicf Technical Dewey 21667 Sire, thicf Technical Dewey 21667 Dam 'nderson's Model 40611.

Two Great Herd Boars.

Chief Eclipsed is a better hog than his famous sire, Mo's Black Chief, and Chief's Model Dewey possesses that great size of Chief T 2d and that fine finish, mellowness and feeding qualities of his dam, Anderson's Model 43611. Their sons and daughters in this sale will make welcome additions to any herd. MISS MODEL CHIEF 51858, dam Anderson's Model 43611, will likely be the best sow to go under the hammer soon, and she will have a litter by her side by sale day, sired by Chief Eclipsed. If you are in need of a crack herd boar, or anything good in the hog line, you can't come send bids.

JAS, W. SPARKS. Marshall. Mo. )

JAS. W. SPARKS, Marshall, Mo., GEO. W. NULL, Odessa, Mo., t forget the date—Nov. 10, 1900.

W. B. CROOKS, Eight Mile, Cass Co., Mo. W. B. CROOKS, 2.8

## **GREAT COMBINATION** BERKSHIRE SALE!

TO BE HELD AT THE

New Kansas City Stock Yards Sale Pavilion,

KANSAS CITY, MO., FRIDAY, NOV. 23, 1900,

Commencing promptly at 10 o'clock a. m., under the management of the American Berkshire Association, 100 head of high class Berkshires will be sold to the highest bidder for cash. This offering consists of 60 boars and 40 sows. This sale will be made up from consignments from the herds of N. H. Gentry, June K. King, Manwaring Bros., W. W. Majors

and C. A. Stannard. Every animal consigned will be a good one. Parties that cannot attend the sale may send their bids to Col. Chas. F. Mills, of Springfield, Illinois, with assurance that they will be treated as fairly and carefully as if they were on the grounds to place them. For catalogues address

C. A. STANNARD, Emporia, Kansas. Auctioneers-Col. F. M. Woods, J. W. Sparks, O. P. Updegraff.

Send for a strictly up-to-date BERKSHIRE Boar or Sow worth the money.

Write J. T. POLLARD, FULTON, MO.

PLEASANT HILL POLAND-CHINAS!

BERKSHIRE BOARS -- A SNAPI

By Royal King Lee 2d, 29183 by King Lee 27500: dam by Longfellow; dam of boars Auxvasse Sallie 48913 by McCues King 46102. Straight bred Sallies and a snap at the price. Call on or address, M. B. GUTHRIE, Mexico, Me.

Bargains in Berkshires at Sunnyside. 100 HEAD to spare at reasonable prices. It boars ready for service. A nice lot of yearling sows a cliber open or bred. Silver Laced Wyandotte eggs for hatching at \$1.00 per 15; also a few nice Cockerels for sale at \$1.00 each. We can suit you in price and quality. Owlite us at once.

HARRIS & McMAHON, Lamine, Missouri.

FINE BERKSHIRES Of the best families at farmers' prices. Write for what you want, or what is better, come and inspect the stock W. H. KHR, Prairie du Rocher, Illinois.

Skabcura-Nicotine Sheep Dip

CURES Seab and Ticks. Improves the wool. Packages at and B. Send for descriptive pamphi free. SKABOURA DIF CO., 15 Branch Street, St. Louis, Mo. OSCAR COLE, AURORA, ILL., PRINCE CLASS SHROPSHIRE SHEEP.



### SHROPSHIRE RAMS!

All ages and styles. From plain to fancy. Single or in car lots at lowest prices. Twenty choice registered Ewes bred before shipping. Write or visit flock. Kansas City & L. Electric cars stop

KIRKPATRICK & SON, Welcott, Kan.

# The Markets

See to the offerings; No. 2 selling at 866 to \$3.5 for large; lady slipper at 7c; sence at 26c; or 70c; No. 3 at 85½c and no-grade CORN—Cash market—E. trk, at 36c for No. 4, 35½c for No. 3, 36638½c (later destination weights) for No. 2. Latter grade del. elev. at 35½c. White in only fair deany, No. 2 selling at 36638½c for new. 36¾c for old and No. 3 at 36638½c or new. 36¾c for old and No. 3 at 36638½c. On the control of t

CASTOR BEANS-Bid \$1.30 per bu. for FLAXSEED—Better, a car spot selling it \$1.78 and to arrive \$1.77 bid.

PRICES ON 'CHANGE.

Wheat— No. 2 red70\%@71 73\%@74 73 @74\%	prices in futures an Closed Saturday.	Range To-day.	To-day.
Dec .71% b			man
May 76% b 76% 276% 76% 76% 76% 76% 76% 76% 76% 76% 76%	Nov71 n		
Nov   34½ b	Dec71% b		
Nov 34½ b Dec 34½6% b 34½634% 34½ a4% a Year 34 n May 35% b 35% b 35% 4 35% 5 35% 5 35% 5 35% 5 35% 5 35% 5 35% 5 35% 6 35% 5 35% 6		76%@76%	10%
Dec 34¼@¾ b 34¼@34¾ 34¾ a 34¼ b 35% a 34¼ b		-	040/ 1-
Year 34 n			
May 35% b 35%, -% -35%, -% 55% a Cots—  Nov .22% n			
Oats- Nov .22% n Dec .22% a Dec .22% a Dec .22% a Oash wheat, acrn and Range Last Year.  No. 2 red 704/6071, 173 687/6087, 174 687/6087, 1			
Nov .22% n	May35% b	35%-%-35%-%	35% a
Dec	Oats-		
May .24% a	Nov22% n		23 n
May .24% a Cash what, corn and cats ranged:  Range Ran	Dec22% a		22% b
Range Last Year. Sat-day. To-day Wheat— No. 2 red 704@71 734@74 73 @744 No. 3 red 6834@894 71 @734, 72 @739 No. 4 winter. 50 @654, 68 @70 89 @70 No. 2 hard 63 @67 89 @70 89 @70 No. 3 hard 64 @65 89 @70 89 @70 Corn— No. 3 2 2 6 5546 36 68 68	May 24% a.	@	
Range Last Year.         Range Sat-day.         Range To-day.         Range Sat-day.         Range To-day.         Ran	Cash wheat, corn	and oats ran	ged:
Wheat         Wheat         3         3         3         3         4         3         3         714         734         73         3         714         734         73         714         7134         72         7334         72         7334         72         7334         72         7334         73         74	Rang	e Range	Hange
Wheat         Wheat         73         474         73         474           No. 2         red         .704@71         734@74         73         474           No. 3         red         .684%6694         71         4734         72         4733           No. 4         winter, 60         6654         88         470         90         90         470         90         9	Last Yes	r. Sat-day.	To-day.
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COTTON-Liverpool was from 3 to 4
points higher for futures and spots 1-32d
hetter.
Local Market-Steady and unchanged.
Sales to bales.
Ordinary
Good ordinary
Low middling8%
Middling9 1-16
Good middling 9 5-16
Middling fair 9 11-16
Bagging-1%-lb 8.10c per yard, 2-lb 8.35c,
214-lb 8.85c. Iron ties \$1.30. Hemp twine

and in orone tion ries drage tremb	C 44 4444
9c per lb.	
WOOL.	
Missouri and Illinois-	
Medium combing20	
Medium clothing19	@194
Braid and low18	@184
Burry and clear mixed	@16
Slightly burry	@151
Mard burry	<b>4</b> @13
Light fine 16	@17
Heavy fine	(2)14
Kansas and Nebraska—	@18
Kansas and Nebraska-	
Brighe medium19	
Dark and sandy14	@16
Fine medium	@154
Light fine	@14
Heavy fine 11	@12
Texas, I. T. and Oklahoma-	_
Medium 18	@183
Coarse and low	@16
Fine medium14	@16
Light fine14	@15
Heavy fine11	@12
Arkansas and Southern-	-
Medium (fleeced)19	@194
Medium (loose)18	@184
Burry14	@15
Tubwashed-	-
No. 1	29
No. 223	@24
Burry18	@20
Angora goat hair-	-
Mean and clear18	@20
Burry 10	@11
Black and seedy from 4c to 6c a	poun

In 1/2 N. A. 11%c; New York 11%c. Limberger 10%Gl1c; Swiss 14@15c; brick 12%c. Foregoing are jobbing prices.

LIVE POULTRY—Average receipts: Young turkeys 8c. Chickens—Hens 8c; old roosters 3c. Ducks 7c. Live pigeons and squabs 60%Toc per doz. Geesse 5c to 6c. Spring chickens quoted at 6%2%T/sc per 1b. AFFLE3—Quote: Wares 18c. Ducks 7c. Live pigeons and squabs 60%Toc per doz. Geesse 5c to 6c. Spring chickens quoted at 6%2%T/sc per 1b. AFFLE3—Quote: Milled 18c. Spring chickens a constant of the first of the

wares 18c. PEARS—Quote: Duchess (Eastern) at \$2.50 per bbl.; Keifer at \$2 to \$2.25 per bbl. A car fancy Eastern Keifer selling at \$2.50 per bbl.

per bbl.
POTATOES—Quote choice Northern in bulk on trk.: Burbank at 25@27c; rural at 30@32c; poorly culled and inferior stock

Mica

Axle

Grease

that makes your horses glad.

In every town and village may be had, the

> ltry is paying East Tenness than wheat and corn, or cattle and hogs, or coal and iron, and that, too, with only exceptional farmers giving it systematic

care.

Prof. A. M. Soule, Agriculturist of the Tennessee Experiment Station, won the closest attention to his review of the work being done at Knoxville.

Dr. Dahney, President of the University of Tennessee, Special Commissioner Paris Exposition, and honored by the French President, Loubet, with a place on their agricultural jury of awards, furnished a

HORSES—Anticipating that political influences would have a quieting effect on the activation of the continuous of the co

w. B. Doak, G. B. Wheeler and Wiley St. Doak, G. B. Wheeler and Wiley Read were appointed to reorganize the MULES—Conditions in the mule market were relatively very quiet. Receipts were of limited character and particularly in the commission department, where not more than a hundred head were available early. Sellers saw no change in the tome and quoted the opening as being virtually steady with the week before. Not as large a representation of Southern buyers was noticeable as on former Mondays. East ern orders were reported not mules were sent out Saturday, and sent pack mules were sent out Saturday, and sent pack mules were sent out Saturday, and been let, but it did not appear work any improvement.

us farm.

Prof. Chas. Keffer, lately from the Missouri Experiment Station and for several years connected with the United States Division of Forestry, and now Horticulturist of the Tennessee Experiment Station, followed on "The Farmer's Fruit Acre." He talks very fervently from his wonderful accumulation of knowledge on all horticultural subjects. It is both instructing and entertaining. "The acre" should be ten rods wide and sixteen long. It should include about 20 each of apple, peach, pear, plum and cherry trees in long rows, for thorough, persistent horse tillage, with small fruits along the fence rows.

Editor RURAL WORLD: The whistles of thresher engines are heard on every side, and wagons filled with golden grain rumble by scattering seed hither and afar as food for beasts and birds. Our land-lord had 300 bushels of oats and 500 bushels of oats and 500 bushels of oats of him. They were threshed damp and we had to work hard to save them. There is no fun in turning over 100 bushels of oats with a shovel two or three times a day.

This immediate neighborhood had local showers and we raised fair crops.

We dug our potatoes several weeks ago and had 40 bushels after using from the patch all season. One potato weighed us farm. Prof. Chas. Keffer, lately from the Mis-

Cutting," telling in a plain, straightforward way how he managed to get \$\square\$ bush-

100 hens sold yearly replaced by pullets ...... 50 turkeys, weight 750 pounds, at

...\$378.75 ations of unsuitable food and left to heir own devices, were vigorously con-

Figures were produced showing that

Editor RURAL WORLD: The whistles

rows.

J. T. Nance spoke on "Modern Corn two and one-half pounds. All of them cutting," telling in a plain, straightforfine turnips; also rutabagas, cabbage, kale and winter radishes. So our cellar

doesn't look very meagre.

Pine Burr, I seem to recognize you in your letter of Oct. 3. Perchance we are friends. Don't you know that hundreds of colonists go to a new country every year espoke of colonists go to a new country every year expecting to find a veritable Garden of Eden; and when they meet with disappears of capets for joining them into immigrating to such a country. We find that advertisers have to thigher tures because the country, and withhold everything detributions, and withhold everything detributions, and withhold everything detributions of the country, and withhold everything detributions of the country of the count as many accuse them of doing, but they 35.00 never mentioned the sand storms, mosquitoes and other slight disadvantages 43.75 We didn't expect a perfect country are well pleased. NANC NANCY.

MACBETH'S "pearl top" and "peari glass" lampchimneys are carefully made of clear tough glass; they fit, and get the utmost light from the lamp, and they last until some accident breaks them.

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NITROGEN NODULES ON ROOTS OF COW PEAS. A SOURCE OF NITROGEN.—Experiments show that from 75 to 120 pounds of nitrogen will be added to the soil by plowing under a crop of cow peas. Of this amount about one-sixth will be supplied by the roots. The value of the nitrogen supplied from the air by the cow peas supplied from the air by the cow peas crop, at 12 cents per pound, varies from \$0 to \$15 per acre. The nitrogen furnished by different varieties, depending on the character of growth, will vary as much as 20 to 30 pounds. Then, the season, nature of soil, time of seeding, and the presence or absence of the inoculating bacteria in the soil will account for other discrepancies.

ANDREW M. SOULE.

iscrepancies. ANDREW M. SOULE,
Agriculturist Tenn. Expt. Sta.
Knoxville, Tenn.
(To be continued.)

Editor RURAL WORLD: The year 190 will be remembered in Western Oregon for its poor yield of wheat and oats, the smallest, so the old settlers say, since the ettlement of the country. These rops, with hay and fruit from alm the total agricultural product of at least the Willammette and Umpqua valleys

the Willammette and Umpqua valleys. Clover is almost unknown in these valleys except from Oregon City northward. The climate is not adapted to corn, so the chance for rotation of crops is very poor, indeed. The consequence is, the land, much of which never was very fertile, is badly exhausted by 50 years or less of continual planting to small grain. Grain sowing will go on all winter, as the weather permits, but many farmers will finish before the holidays, if possible. Until about Oct. 18, the ground was too dry to disc or plow well, since which date we had had only a few clear days, and the ground is getting quite wet.

dry to disc or plow west, since which date we had had only a few clear days, and the ground is getting quite wet.

Seed wheat is always treated with vitriol just before sowing, to prevent smut. Oats and chess are sown for hay, chess being the favorite for low, wet lands as it does not easily drown out over winter. Hay is fed only to work horses, the remainder going to market, or to the mines and lumber camps.

Farmers hope for a frost hard enough to kill the weeds in the grain and hay fields before spring. Last winter they did not get the required degree of frost and weeds were a nuisance.

Stock does well the year round on pasture, although for about three months the grass is quite dry. As it never is as dense or vigorous as the grass of the prairie states, it takes many acres to supply a cow with a year's feed.

Oct. 29. Dougiass Co., Oregon.

Oct. 20. Douglass Co., Oregon.

During the last two or three years very great Improvement has been made in the treatment of the different kinds of disease of the heart. Cases formerly considered incurable now rapidly recover. The well known specialist, Franklin Miles, M. D., Ll. B., of Chicago, will send his new Indicate the control of the control of

This liberal offer is for the purpose of demonstrating the great superiority of his new system of Treatments for heart troubles, such as short breath, pain in the side, oppression in the chest, irregular pulse, palpitation, smothering spells, puffing of the ankles or dropsy. They are the waylit of twenty-five years of careful study, extensive research, and remarkable experience in treating weak, dilated, hypertrophied, rheumatic, fatty or neuralgic hearts, each one of which requires different treatment. The study of the

comes more unexpectedly than that from heart disease.

Rev. J. W. Stokesbury, of Fallport, Mo., had head, heart, stomach troubles, and nerves prostration. Three physicians refere prostration. Three physicians refere the properties of the present advancement of medical science."

or the great advancement of medical sciActions of the second of the se

AN OLD FRIEND.

The cut shown with this little article is that of the folding sawing machine which is manufactured and sold exclusively by the Folding Sawing Machine Co, of Chicago, Ill. These people have been regular advertising patrons of ours for a long term of years, and it is but fair to them to say that in all that time we have not heard a single complaint against them or their machine.



Many of our readers in this and other states are using the sawing machine, and if a sawing machine, and if some states are using the sawing machine, and if some states are using the sawing as the sa

HAT BLEACH. You can bleach your old sun-burned has to look like new at a cost of less than A cts. Sand M cents for package of "JAVELLA" containing smough to bleach seven nats. Address WHITE BLEACH CO, Sedalla, Mo.

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Belt" shows what the thritty settler has been able to accomplish in a few years. Those contemplating a change to better their condition will here find just the information they want.

Send a postal card with your name and address or that of a friend interested in Nebraska, to the General Passenger Agent of the Burlington Route, St. Louis, and a copy of the last issue of the "Corn lime till midnight."

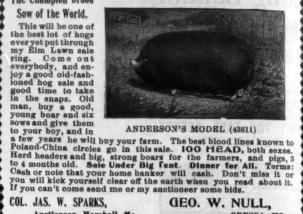
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